



**Basic Details**

<b>Organisation Chain</b>	Department of Atomic Energy  Tata Institute of Fundamental Research-Colaba-Mumbai-Purchase Dept-TIFR-DAE  NCRA(Pune)-TIFR-DAE		
<b>Tender Reference Number</b>	NCRA WF025 CPPP 2026-27		
<b>Tender ID</b>	2026_DAE_913272_1	<b>Withdrawal Allowed</b>	Yes
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	Works
<b>Tender Category</b>	Works	<b>No. of Covers</b>	2
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Offline	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No

**Payment Instruments**

**Cover Details, No. Of Covers - 2**

Offline S.No	Instrument Type	Cover No	Cover	Document Type	Description
1	Demand Draft				EMD and all the documents related to Eligibility Criteria / PQC. Price / Financial Bid.
2	R-T-G-S				
3	FDR	1	Fee/PreQual/Technical	.pdf	
4	NEFT	2	Finance	.xls	

**Other Important Documents**

S.No	Category	Sub Category	Sub Category Description	Format/File
1	Certificate Details	Permanent Account Number	Permanent Account Number Details	
2	Certificate Details	GST Registration Certificate	GST Registration Certificate	
3	Certificate Details	Bank Solvency Certificate	Bank Solvency Certificate	
4	Financial Details	Annual Turn over certificates from CA	Annual Turn over certificates from CA	
5	Litigation Details	Litigation Details	Litigation Details	
6	Machinery Details	Machinery Details 1	Machinery Details	
7	Machinery Details	Details of Technical Manpower	Technical Manpower Details	
8	Purchase Order Details	Purchase Orders - 1	Purchase Orders - 1	
9	Purchase Order Details	Purchase Orders - 2	Purchase Orders - 2	
10	Purchase Order Details	Purchase Orders - 3	Purchase Orders - 3	
11	Purchase Order Details	Purchase Orders - 4	Purchase Orders - 4	
12	Purchase Order Details	Purchase Orders - 5	Purchase Orders - 5	
13	Work Details	Work Completed Certificate Copies	Work Completed Certificate Copies	

**Tender Fee Details, [Total Fee in ₹ \* - 0.00]**

**EMD Fee Details**

<b>Tender Fee in ₹</b>	0.00	<b>EMD Amount in ₹</b>	5,00,000	<b>EMD Exemption Allowed</b>	No
<b>Fee Payable To</b>	Nil	<b>Fee Payable At</b>	Nil	<b>EMD Percentage</b>	NA
<b>Tender Fee Exemption Allowed</b>	No	<b>EMD Fee Type</b>	fixed	<b>EMD Payable At</b>	PUNE
		<b>EMD Payable To</b>	TIFR		

[Click to view modification history](#)

**Work /Item(s)**

<b>Title</b>	Bitumen Road Work
<b>Work Description</b>	New Bitumen Road work around the Multi Purpose Building at GMRT and Existing Bitumen Road Resurfacing work at Narayangaon Housing Colony, Narayangaon and at GMRT Khodad.
<b>Pre Qualification Details</b>	Please refer Tender documents.

<b>Independent External Monitor/Remarks</b>	NA				
<b>Show Tender Value in Public Domain</b>	Yes				
<b>Tender Value in ₹</b>	2,47,00,000	<b>Product Category</b>	Civil Works - Roads	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	150	<b>Period Of Work(Days)</b>	120
<b>Location</b>	GMRT Khodad and Narayangaon Housing Colony	<b>Pincode</b>	410504	<b>Pre Bid Meeting Place</b>	GMRT-NCRA, KHODAD
<b>Pre Bid Meeting Address</b>	GMRT NCRA, Khodad, Near Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.	<b>Pre Bid Meeting Date</b>	02-Jul-2026 11:30 AM	<b>Bid Opening Place</b>	NCRA-TIFR, PUNE
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

### Critical Dates

<b>Publish Date</b>	19-Jun-2026 09:45 AM	<b>Bid Opening Date</b>	17-Jul-2026 03:00 PM
<b>Document Download / Sale Start Date</b>	19-Jun-2026 10:00 AM	<b>Document Download / Sale End Date</b>	16-Jul-2026 03:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	19-Jun-2026 10:15 AM	<b>Bid Submission End Date</b>	16-Jul-2026 03:00 PM

### Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	New Bitumen Road work around the Multi Purpose Building at GMRT and Existing Bitumen Road Resurfacing work at Narayangaon Housing Colony, Narayangaon and at GMRT Khodad.	2654.61	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_959773.xls	New Bitumen Road work around the Multi Purpose Building at GMRT and Existing Bitumen Road Resurfacing work at Narayangaon Housing Colony, Narayangaon and at GMRT Khodad.	367.50

### Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	gajendran@ncra.tifr.res.in	G. Gajendran	GAJENDRAN GANESHAN
2.	smk@ncra.tifr.res.in	S.M. Kulkarni	SANDIP MADHUKAR KULKARNI
3.	patil@ncra.tifr.res.in	S.V. PATIL	SADASHIV VITTHAL PATIL

### Tender Properties

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Stage to disclose Bid Details in Public Domain</b>	Technical Bid Opening
<b>BoQ Comparative Chart model</b>	Normal	<b>BoQ Compative chart decimal places</b>	2
<b>BoQ Comparative Chart Rank Type</b>	L	<b>Form Based BoQ</b>	No

### TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	
2	MSEs Order 2012	Not Applicable	This is a work contract. Hence, not applicable

**Tender Inviting Authority**

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**Name** Centre Director**Address** NCRA-TIFR, Savitribai Phule Pune University Campus, Ganeshkhind, Pune 411007**Tender Creator Details**

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**Created By** S.M. Kulkarni**Designation** AOB**Created Date** 16-Jun-2026 02:39 PM



NCRA • TIFR

राष्ट्रीय रेडियो खगोलभौतिकी केंद्र  
National Centre for Radio Astrophysics  
टाटा मूलभूत अनुसंधान संस्थान  
Tata Institute of Fundamental Research

गणेशखिंड डाकघर, सावित्रीबाई फुले पुणे विश्वविद्यालय परिसर, पुणे- 411007, महाराष्ट्र, दूरभाष : 020-2571-9000/9111  
Ganeshkhind PO, Savitribai Phule Pune University Campus, Pune -411007, Maharashtra, Phone: 020-2571-9000/9111

ई-मेल / E.mail : [purchase@ncra.tifr.res.in](mailto:purchase@ncra.tifr.res.in) वेबसाइट/Website: [www.ncra.tifr.res.in](http://www.ncra.tifr.res.in)

**ई-निविदा सूचना / E-TENDER NOTICE**

निविदा दस्तावेज़ / Tender Document

For

जीएमआरटी स्थित मल्टी-पर्पज बिल्डिंग (एमपीबी) के आसपास नई बिटुमन सड़क का निर्माण कार्य, तथा नारायणगांव की नारायणगांव हाउसिंग कॉलोनी और जीएमआरटी खोडद में मौजूदा बिटुमन सड़क की री-सर्फेसिंग का कार्य।

**New Bitumen Road work around the Multi-Purpose Building (MBP) at GMRT and Existing Bitumen Road Resurfacing work at N'gaon Housing Colony, Narayangaon and at GMRT Khodad.**

ई-निविदा संख्या: एनसीआरए:डब्ल्यूएफ025:सीपीपी:2026-27

**E-TENDER NO: NCRA:WF025:CPPP:2026-27**



टाटा मूलभूत अनुसंधान संस्थान (टीआईएफआर) का राष्ट्रीय रेडियो खगोलभौतिकी केंद्र (एनसीआरए), भारत सरकार के परमाणु ऊर्जा विभाग के प्रशासनिक नियंत्रण के अधीन संस्था है। यह पुणे के सावित्रीबाई फुले पुणे विश्वविद्यालय परिसर में स्थित है। इसकी संलग्नता रेडियो खगोलभौतिकी के क्षेत्र में अनुसंधान में है। एनसीआरए ने पुणे जिले के जुन्नर तालुका में नारायणगांव के निकट खोडद में बृहत् मीटरतरंग रेडियो दूरदर्शी (जीएमआरटी) का निर्माण किया है। जीएमआरटी में कार्यालय भवन, कैंटीन, वर्कशॉप, छात्रावास, गैस्ट हाऊस, गार्डन लॉन्स / सेंट्रल स्क्वेयर आदि हैं। जीएमआरटी में 30 एंटीना शैल्स हैं जो खोडद गांव में एवं निकटवर्ती क्षेत्रों में हैं। जीएमआरटी का नारायणगांव में आवासीय कॉलोनी परिसर है।

The National Centre for Radio Astrophysics (NCRA) of the Tata Institute of Fundamental Research (TIFR), an Institution under the administrative control of Department of Atomic Energy, Govt. of India, is located in the Savitribai Phule Pune University Campus, Pune and is engaged in research in the field of radio astrophysics. NCRA has built the Giant Metrewave Radio Telescope (GMRT) at Khodad near Narayangaon, Taluka Junnar, Dist. Pune. GMRT has an Office Building, Canteen, Workshop, Hostel, Guest House, Garden Lawns / Central Square etc. including 30 Antenna Shells, which are located in and around village Khodad and the housing colony premises in Narayangaon.

	<u>अनुक्रमणिका/INDEX</u>
<u>भाग सं.</u> <u>Part. No.</u>	<u>विवरण / Particulars</u>
भाग/Part - A	निविदा आमंत्रण सूचना / Notice Inviting Tender
भाग/Part - B	बोलीकर्ताओं के लिए निर्देश/Instruction to Bidders. ई-टेंडरिंग पर बोलीकर्ताओं के लिए विशेष निर्देश Special Instruction to bidders on E-tendering
भाग/Part - C	पूर्व-पात्रता मापदंड/Pre-qualification Criteria
भाग/Part - D	सामान्य सूचना/General information
भाग/Part - E	ठेके के खंड/Clauses of Contract
भाग/Part - F	कार्यों का दायरा / तकनीकी विनिर्देश Scope of Works / Technical Specifications etc.
भाग/Part - G	तकनीकी और मूल्य बोली का प्रारूप एवं अनुलम्बक Format of Technical and Price Bid and Annexures
भाग/Part - H	ई-प्रापण मॉड्यूल पर बोलीकर्ताओं के लिए सामान्य दिशानिर्देश General guidelines to bidders on e-procurement Module
	Drawings

Online bids under the Two-bid System are invited on behalf of the Centre Director, NCRA-TIFR, Pune, for  
**(a) New Bitumen road work around the Multi-Purpose Building (MBP) at GMRT Observatory Campus, Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra** **(b) Existing bitumen road resurfacing work at Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.** **(c) Existing Bitumen road resurfacing work at GMRT Observatory, Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra.** The details of the tender, including the scope of work etc are given in this tender document. All the prospective bidders are requested to go through the tender document before submitting their bids.

निविदा सं. / Tender No.	:	<b>NCRA:WF025:CPPP:2026-27</b>
कार्य / सेवा / आपूर्ति का नाम Name of Work / Service / Supply	:	<b>(a) New Bitumen road work around the Multi-Purpose Building (MBP) at GMRT Observatory Campus, Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra</b> <b>(b) Existing bitumen road resurfacing work at Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.</b> <b>(c) Existing Bitumen road resurfacing work at GMRT Observatory, Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra</b>
कार्य / सेवा / आपूर्ति की अनुमानित लागत Estimated Cost of Work / Service / Supply	:	<b>Rs. 2,47,00,000/- (Rs. Two-Crore Forty-Seven Lacs Only). (including GST).</b>
आपूर्ति/कार्य/ सेवा का स्थान Location of supply/ work/ service	:	<b>1) GMRT-NCRA, Khodad, Near Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra and</b> <b>(2) GMRT Housing Colony, Near Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra</b>
निविदा दस्तावेजों का ऑनलाइन डाउनलोड Online download of Tender documents	:	From 19.06.2026 to 16.07.2026 upto 1500 hrs Tender documents can be downloaded from the NCRA website: <a href="http://www.ncra.tifr.res.in">www.ncra.tifr.res.in</a> under public Tenders or CPP portal <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> .
जमानत राशि Earnest Money Deposit	:	EMD of <b>Rs. 5,00,000/-</b> .
सुरक्षा जमा राशि / Security Deposit	:	A sum of <b>2.5%</b> of the gross amount of the work order (including GST)
प्रदर्शन गारंटी / Performance Guarantee	:	<b>5%</b> of total order value, including all taxes, duties etc.
बोली के पहले बैठक / Pre-bid meeting	:	<b>On 02.07.2026 at 11.30 hrs.</b> <b>Place: GMRT-NCRA, Khodad, Near Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.</b>

निविदा दस्तावेज में संशोधनों की अधिसूचना Notification of amendments to the tender document	:	If the technical specification requires any modification, suitable amendment to this tender document will be issued and the same will form part of the tender document. Prospective bidders are advised to regularly visit the NCRA-TIFR web site or the CPP portal. Corrigendum/amendments etc., if any, will be notified only on the NCRA-TIFR web site/ CPP portal and no separate advertisement will be issued for this.
बोलियां प्रस्तुत करना Submission of Bids	:	The bids are required to be submitted online on the CPP portal i.e <a href="http://eprocure.gov.in">http://eprocure.gov.in</a> under the Two bid system. The Technical bid and Price bid are required to be uploaded separately on the portal.
ऑनलाइन बोली प्रस्तुत करने के लिए वेबसाइट Website for Online Bid Submission	:	<a href="https://eprocure.gov.in">https://eprocure.gov.in</a>
बोलियां ऑनलाइन जमा करने की अंतिम तिथि और समय Last date and time for online submission of bids	:	16.07.2026 upto 15.00 hrs (BID DUE DATE)
निविदा खोलने की तिथि एवं समय Date and time of opening of tender	:	17.07.2026 at 15.00 hrs (Technical Bid Only)
कार्य पूरा करने की अवधि Period for completion of work	:	Entire work to be completed <b>within four months</b> (excluding monsoon period) from the date of issue of work order or handing over the site, whichever is later.

कृपया ध्यान दें कि इस निविदा के लिए केवल ऑनलाइन बोली ही स्वीकार की जाएगी। इसके साथ ही स्थगन के लिए कोई अनुरोध स्वीकार नहीं किया जाएगा। डाक/फैक्स/ईमेल के माध्यम से भेजी गई बोलियां तुरंत अस्वीकृत कर दी जाएंगी। एनसीआरए-टीआईएफआर, पुणे के केंद्र निदेशक को किसी भी या सभी निविदाओं को आंशिक रूप से या पूर्ण रूप से स्वीकार या अस्वीकार करने का अधिकार है, इसके लिए कोई कारण बताना आवश्यक नहीं होगा।

Kindly note that only online bids will be considered against this tender. Further, requests for postponement will not be entertained. Bids sent by post/Fax/email shall be rejected straightaway. The Centre Director, NCRA-TIFR, Pune reserves the right to accept/ reject any or all tenders either in part or in full without assigning any reasons thereof.

प्रशासनिक अधिकारी- सी  
एनसीआरए-टीआईएफआर, पुणे  
Administrative Officer-C (P&S)  
NCRA-TIFR, Pune

**Note:**

- 1) In case of any clarification with regard to submission of bids please contact Purchase Department, NCRA-TIFR, Pune; Tel: 020-25719266-9276-9206. Also, for any technical clarifications, you may contact: **Shri S.D. Patil at GMRT Khodad.** Tel. 02132-258400 / 300. Email [sdp@gmrt.ncra.tifr.res.in](mailto:sdp@gmrt.ncra.tifr.res.in), [civil@ncra.tifr.res.in](mailto:civil@ncra.tifr.res.in)
- 2) The bidders are advised to read the "Guidelines to bidders on CPPP's e-procurement module" available at the end of this tender document before submitting their bids.

**A) General Instructions:**

1. The Prospective bidder shall carefully examine and understand the specifications/conditions of the tender document and seek clarifications in writing, if required, to ensure that they have understood all specifications/conditions of tender. These clarifications should be sought before submission of bids. If no such clarifications are sought in writing, it will be taken that the Bidder has read, understood and accepted all the terms, conditions and specifications in the tender document.
2. The Bidder is required to upload a copy of this tender document, with all pages signed by the authorized person, to confirm that Bidder has read and understood the conditions of this tender document and that the proposal is submitted in full understanding and agreement of the requirements of NCRA-TIFR.
3. The Bidder shall bear all costs associated with the preparation and submission of the Bid, and NCRA-TIFR will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.
4. NCRA-TIFR reserves its rights to amend any of the terms and conditions of the tender document. All such changes can be made up to one week before the last date of submission of bid. The notice of such amendment will be published on NCRA/CPPP website only. No separate advertisement will be issued in the newspapers for such changes / corrigendum's. All the prospective bidders are therefore requested to regularly visit the NCRA/CPPP website for any such updates.
5. The complete bid shall be online as per the specified formats only. The bids should be without alteration or erasures, except those to accord with instructions issued by the NCRA-TIFR or as necessary to correct errors made by the bidder, in which case such corrections shall be initiated by the person or persons signing the bid.
6. The bidder shall submit only one option, which is best suitable to meet NCRA-TIFR requirements. The bids submitted with more options shall be liable to be rejected.
7. The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and NCRA-TIFR, shall be in English only.
8. Wherever a specific form is prescribed in the Bid document, the Bidder shall use the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. For all other cases, the Bidder shall design a form to hold the required information.
9. The Bidder shall explicitly indicate the non-compliance or deviation of the Solution offered in the Proposal to all the terms, clauses, conditions and specifications stipulated in this tender document. If non-compliance or deviation for any term, clause, condition or specification is not explicitly indicated, it will be construed as compliance and if successful in the bid, the bidder is obligated to comply with all the requirements (excluding those non-compliances explicitly accepted by NCRA-TIFR in writing) in toto.
10. Successful bidder shall perform all the obligations specified in accordance with the terms and conditions laid down in the tender document. All details provided by the Bidder should be specific to the requirements specified in this tender document. Detailed clarification may be provided by Bidder, if so desired by NCRA-TIFR. The Bidder shall specify the responsibilities of NCRA-TIFR, if any, separately for the successful implementation of the project.

**11. Bidder shall ensure that all documents are uploaded with the Technical bid. The “TECHNICAL BID” should contain the following documents:**

- i) Registration / empanelment certificate with government organization / semi-govt organization / PSU / reputed private organization etc.
- ii) Scanned Copies of Demand Draft/ Pay Order for EMD.
- iii) Copy of PAN (Permanent Account Number) card.
- iv) List of similar works in hand & works carried out by them for last 7 years indicating
  - A) Agency for whom executed,
  - B) Value of work,
  - C) Completion time as stipulated and actual, or present position of the work
- v) Experience testimonials along with work orders and completion certificates.
- vi) Bank solvency certificate
- vii) Certificate of Registration for GST.
- viii) List of infrastructure facilities possessed by the bidder List of Technical staff possessed by the bidding agency.

**B) Earnest Money Deposit (EMD)**

The Earnest Money Deposit (EMD) will be accepted only in the form of Insurance Surety Bonds, Account Payee Demand Draft (in Favour of TIFR payable at Pune), Fixed Deposit Receipt (any one) from any National Bank / Scheduled Bank or payment online in an acceptable form, safeguarding the purchaser’s interest in all respects for the following purpose (Drawn in favour of Centre Director, NCRA-TIFR, Pune).

	<b>Earnest Money Deposit (EMD) (to be enclosed with Technical Bid-Part I)</b>
<b>In Figure</b>	<b>Rs. 5,00,000/-</b>
<b>In Words</b>	<b>Five Lacs Only.</b>

Tenders submitted without the requisite amount of Earnest Money Deposit (EMD) shall be rejected and their commercial bids shall not be opened. No interest is payable on EMD.

The EMD will be returned to the bidders (s) whose offer is not accepted by NCRA-TIFR within one month from the date of the placing of the final order(s) to the selected bidder(s).

**The Earnest Money Deposit will be forfeited: If a bidder withdraws the bid during the period of bid validity specified in the tender OR fails to furnish Performance Guarantee within the stipulated time period mentioned in the tender document.**

**Bank Details for online payment: -**

**Bank A/c Name : TIFR**  
**Name of Bank : Bank of India**  
**Branch : Pashan Road, Pune**  
**Bank A/c No : 051620110000508**  
**IFSC code : BKID0000516**

Bidder has to upload a scanned copy/proof of the DD/FDR/BC/BG towards EMD along with the bid and has to ensure delivery of a hard copy directly to the Buyer within 5 days of the Bid End date, failing which the bid may be treated as incomplete & may lead to rejection of the bid by buyer without making any reference to the seller.

Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with technical bid – Part-I).

### **C) Performance Guarantee**

Performance Guarantee to be furnished by the successful bidder for satisfactory performance of the contract. “Satisfactory performance of the contract here means satisfactory completion of work in respect of works / services.

#### **a. Quantum of Performance Guarantee**

**Performance Guarantee of 5%** of total order value including all taxes, duties etc

Successful bidder, shall deposit an amount equal to **5%** of the value of the work including taxes as Performance Guarantee within **21 days** of award of work, valid till completion of work plus Two months for proper fulfillment of the Contract.

In case Performance Guarantee is not submitted within **21 days interest @ 12% per annum** will be levied till the date you submit the Performance Guarantee.

If the successful bidder fails to submit the Performance Guarantee / Performance Guarantee with interest or refuses to submit the Performance Guarantee even after reminders, Centre reserves the right to cancel the order without notice and such bidder will be debarred from participating in any tender for a period of **one year and their EMD will be forfeited.**

#### **b. Forms in which Performance Guarantee can be submitted**

Performance Guarantee should be in the form of Demand Draft in favour of TIFR, Pune OR Fixed Deposit Receipt (FDR) pledged in favour of TIFR, Pune OR Bank Guarantee (BG) in favour of Centre Director, NCRA-TIFR, Pune as per the prescribed format. The Bank Guarantee should be from any one of the nationalized banks or Scheduled Bank and to be executed on non-judicial stamp paper of appropriate value. The Bank Guarantee should be valid up to at least 2 months beyond the contractual date for completion of the order.

#### **c. Refund of Performance Guarantee**

Performance Guarantee shall be released / returned to the contractor after the completion of the entire work/contract period + 2 months without any interest.

#### **d. Forfeiture of Performance Guarantee**

Performance Guarantee is taken for due performance of the Contract and can be forfeited in the event of a breach of contract.

Bank Guarantee / Fixed Deposit Receipt obtained towards Performance Guarantee will be invoked when there is a specific breach on the part of the Contractor.

#### **D) Security Deposit:**

The tenderer, whose tender is accepted, will also be required to furnish by way of Security Deposit for fulfillment of his contract.

Security Deposit is obtained as a back-up surety for fulfilment of work obligation by the Contractor till satisfactory completion of the work.

A sum of 2.5% of gross amount of the work order (including GST) value shall be deposited in the form of Fixed Deposit Receipt or Bank Guarantee or Demand Draft.

The Security Deposit shall be released after the defect liability period + 2 months reckoned from the date of completion as certified by Engineer-In-Charge.

#### **E. DEFECT LIABILITY PERIOD: - Three Years after completion of the entire work.**

During the defect liability period, the representatives of Contractor and purchaser shall jointly inspect the site.

The Contractor shall repair any defect observed during the Defect Liability period, at no extra cost to the purchaser. Such repair has to be certified by the purchaser inspector / Supervisor. The contractor must ensure that he submits a copy of workmen compensation insurance policy before carrying out any work under this clause.

**F) Acceptance of Tender:** The competent authority, on behalf of Centre Director, National Centre for Radio Astrophysics (NCRA), Tata Institute of Fundamental Research (TIFR), Pune, does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all the tenders received, without assignment of any reason. All tenders, in which any of the prescribed conditions is not fulfilled or any condition, including that of conditional rebates, is put forth by the tenderer, shall be summarily rejected.

The Competent Authority, on behalf of the National Centre for Radio Astrophysics (NCRA), Tata Institute of Fundamental Research (TIFR), Pune reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest tender or any other tender.

**G) Validity of Tender:** The tender for the services shall remain open for acceptance for a period of **150 days** from the last date of submission of tenders. If any tenderer withdraws his tender before the said period, or before issue of Letter of Acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, then National Centre for Radio Astrophysics (NCRA), Tata Institute of Fundamental Research (TIFR), Pune shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money absolutely. Further the tenderer shall not be allowed to participate in the retendering process of the work.

#### **H) Levy / Taxes payable by contractor:**

GST as per applicable rates, on materials and services in respect of this contract shall be payable by the contractor.

**I Income Tax:**

Tax shall be deducted as per the Income Tax Act 2025 and amendment thereof.

**GST TDS will be deducted, as per Government Notification, if applicable.**

**J Site visit by the tenderer before tendering:** Tenderers are advised to inspect and examine the site and its surroundings during working hours and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

**K Signing of Tender and receipts for payments:** In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of-attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act-1952. Receipts for payments made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

**L Tenderer's responsibilities:** The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice & all other contract documents, and has made himself aware of the scope & specifications of the work to be done and local conditions and factors having a bearing on the execution of the work. Electricity shall be provided for the work by NCRA-TIFR free of charge.

**M Canvassing,** either directly or indirectly, in connection with the tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection and may be barred from future participation in NCRA-TIFR works.

**Administrative Officer-C (P&S)**

*For and on behalf of* **National Centre for Radio Astrophysics (NCRA),  
Tata Institute of Fundamental Research (TIFR), Pune**

The procurement shall be carried out through submission of online tenders only. No offer in physical form will be accepted and any such offer if received by NCRA-TIFR will be out rightly rejected. Tender documents can be downloaded from the website of CPPP [www.eprocure.gov.in](http://www.eprocure.gov.in). The bids are to be uploaded/submitted in electronic form on website [www.eprocure.gov.in](http://www.eprocure.gov.in).

The steps noted below shall be the general methodology to be followed by the bidders for submission of his bid on the E-procurement module of CPPP: -

1. It is mandatory for a tenderer to have a valid digital signature certificate issued by any of the valid Certifying Authority approved by Government of India for participation in tendering event at the time of submission of offer. The cost of digital signature will be borne by the respective tenderer.
2. Offer against the NIT has to be submitted online on e\_procurement website mentioned in the NIT with valid digital signature certificate. The bidders shall be required to submit their offers in 2 separate parts (a) 'Technical & 'Un-priced Commercial Bid' and (b) 'Financial Bid'.
3. Submission of online Bids / Offers electronically against E-tendering: All interested bidders are requested to register themselves on [www.eprocure.gov.in](http://www.eprocure.gov.in) with their digital signature certificate with the user ID for participation in the tender. Kindly refer to the bidders manual kit available on bidders' section on above mentioned website for detailed procedure for bid submission or Bidders can take help of Helpdesk Center (18002337315) for registration and bid submission procedures.
4. The Technical Bids and Price Bid have to be submitted online only. However, documents which necessarily have to be submitted in originals like EMD instruments if applicable have to be submitted offline.
5. The online offer, Pre-qualification details & Technical Bid, shall be opened as per the date and time mentioned in the NIT.
6. The Technical & Un-priced Commercial bids opened shall be scrutinized for technical commercial acceptability including the pre-qualification criteria. The offers not fulfilling these criteria as per the NIT shall be rejected outright.
7. The offer which meets the NIT requirements, technically (including pre-qualification criteria) and commercially, shall be eligible for further consideration.
8. Price bids of bidder shall be considered who fulfill the Eligibility criteria and techno-commercial requirement of NIT. Please read instructions given below before submission of Price Bid i.e. BOQ (spread sheet).

Stamp and Signature of the Bidder

9. Bids should be submitted as per following instructions only:

(A) Technical Bid:

Packet 1: Scanned copy of “Technical Bid” along with the scanned copies of technical Details / Documents as per tender document

Packet 2: Scanned copy of DD / Pay Order (For EMD).

(B) FINANCIAL BID / PRICE BID

Financial Bid i.e. BOQ given with tender to be uploaded after filling all relevant information like rate. The Rate should be inclusive of all charges and no other charges shall be considered. The priced BOQ should be uploaded strictly as per the format available with the tender document failing which the offer is liable for rejection (renaming or changing format of BOQ sheet will not be accepted by system)

The Evaluated Cost shown in the last column of the BOQ sheet is the amount on which Lowest bidder will be decided subject to the bid being found technically qualified.

(C) Please read following instructions before filling & submission of BOQ sheet:

a. Please note that e-procurement system accepts the uploaded BOQ sheet only, any modification in file format or changing name of file will result in non-acceptance of your offer by e-Procurement System.

b. Kindly fill data in fields of ‘BOQ Sheet’ as per following Instruction only: Bidders Name: Kindly put complete name of bidding firm/company.

Rate: Kindly put the ‘Rate per unit (Inclusive of all charges)’ e.g. Rs. 500 per Item in white cell in front of each item you want to quote.

c. Please save your BOQ sheet (Financial bid) without changing name and format and upload this completed BOQ sheet in Finance Envelope (Part-II).

All the documents pertaining to the eligibility conditions need to be uploaded along with the technical bid on the CPP Portal. The bids which are found to be not meeting with any or all the conditions shall be declared technically disqualified and will not be eligible for opening of their financial bids.

**PRE-QUALIFICATION CRITERIA** – to be filled as per the statement attached.

**PRE-QUALIFICATION CRITERIA**

Sr. No.	Description	Details to be furnished by the contractor, enclosing relevant documents in the technical bid.
1	Bidder must visit the site to know exact scope of work, site conditions etc. and must be fully confident of carrying out the work mentioned in bid / tender and submit certificate of site visit as per <b>Annexure</b> attached <b>without site visit certificate, bid will not be considered.</b>	As per the Annexures attached with the tender document.
2	Bidder must have been in the business for a period of <b>5 years</b> prior to this tender / bid and must have experience in similar type of <b>Bitumen road work.</b>	Bidder should provide the valid proof.
3	Bid must be valid for a minimum period of <b>150 (One Hundred Fifty Days)</b> from the due date for submission of bid.	Yes / No
4	The Bidder's company should be a Proprietary Firm / Partnership Firm / LLP / Private Limited Company / Limited Company etc. registered with the appropriate authority.	Please provide proof of registration with the appropriate authority
5	The average annual financial turnover of the bidder during the last three years ending on 31.03.2025 should be at <b>Rs. 74.10 Lacs (Rupees Seventy-Four Lacs Ten Thousand Only)</b> as per the audited balance sheet and profit & loss account of the relevant period, duly authenticated by a Chartered Accountant/ Cost Accountant. The net worth of the bidder firm should not be negative as on 31.03.2025.	As per the Form attached with the tender document
6	Bidders must have Experience <b>in similar type of Bitumen road work</b> of having successfully completed value stated <b>below seven years prior to 31.05.2026.</b>	
	<b>One</b> similar work completed costing not less than ( 80 % of the estimated cost) <b>Rs. 197.60 Lacs;</b> Or	
	<b>Two</b> similar works completed costing not less than ( 50 % of the estimated cost) <b>Rs. 123.50 Lacs;</b> Or	
	<b>Three</b> similar works completed costing not less than ( 40 % of the estimated cost ) <b>Rs. 98.80 Lacs</b>	
	<p>a. The value of executed works shall be brought to current costing level by enhancing the actual value of work at a simple rate of <b>7% per annum</b>; calculated from the date of completion to the last date for submission of bids.</p> <p>b. Copies of work orders together with completion certificates duly signed by the competent authority to be submitted evidencing the above without fail.</p>	
7	The Bidders should not have been indicated for any criminal, fraudulent or corruption activity, Contract Terminated / blacklisted/debarred by any Central/State Govt./Semi Govt./ PSU/ Autonomous body. The bidder has to upload undertakings along with the bid.	As per the Form attached with the tender document.
8	The Bidder should not be under liquidation, court receivership or similar proceedings and should not be bankrupt (upload a notarized undertaking on stamp paper of Rs. 500/- or higher value)	As per the Form attached with the tender document.
9	Bidders must submit a Solvency Certificate from a nationalized / scheduled bank ( <b>not prior to 31.03.2026</b> ) for a minimum amount of <b>Rs. 98.80 Lacs</b> from their bank – To be submitted as per our Format (Form) enclosed.	As per the Form attached with the tender document.
10	Successful bidder must be able to submit: - <b>Performance Guarantee, Security Deposit, Indemnity Bond and other documents mentioned at Annexures wherever applicable.</b>	Yes / No
11	<b>Earnest Money Deposit (EMD) enclosed with details.</b>	Yes / No
12	Whether Integrity Pact signed and uploaded with the bid.	Yes / No

**NOTE: KINDLY FILL UP THE ABOVE DETAILS AND ENCLOSE RELEVANT DOCUMENT ALONGWITH YOUR TECHNICAL BID – PART I, OTHERWISE YOUR BID WILL BE REJECTED.**

**A. Definitions:**

- a) The ‘**Contract**’ means the documents forming the tender and acceptance thereof and the formal agreement executed between the Competent authority on behalf of the Centre Director, NCRA-TIFR and the Contractor together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
- b) The expression ‘**Works**’ or ‘**Work**’ shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent and whether original, altered, substituted or additional.
- c) The ‘**Site**’ shall mean the land or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
- d) The ‘**Contractor**’ shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personnel representative of such individual or the persons composing such firm or company or the successors of such firm or company and the permitted assignees of such individual, firm or company.
- e) The ‘**Engineer-in-Charge**’ means the Engineer / Officer, who shall supervise and be in charge of the work on behalf of NCRA-TIFR, Pune.
- f) ‘**Temporary Work**’ means all temporary works of every kind required in or about the execution, completion and maintenance of the works.
- g) ‘**Market Rate**’ shall be the rate as decided by the Engineer-in-Charge on the basis of the cost of materials and labour at the site where the work is to be executed plus 15% to cover all overheads and profits.
- h) ‘**NCRA-TIFR**’ means National Centre for Radio Astrophysics-Tata Institute of Fundamental Research, Pune.
- i) ‘**GMRT**’ means Giant Metrewave Radio Telescope (GMRT) situated at Narayangaon, Tal - Junnar Dist - Pune, State – Maharashtra.
- j) ‘**NGN Colony**’ means Narayangoan housing colony, Narayangaon.
- k) ‘**Tendered value**’ means the value of the entire work as stipulated in the letter of award / acceptance.

**B. Declaration by tenderer:** The tenderers shall sign a declaration under the Official Secret Act-1923 for maintaining secrecy of the tender documents, drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them, if any.

**C. Filling up of rates:** All rates shall be quoted on the tender form by the tenderers in figures and words. All rates shall be quoted on the prescribed tender form. The amount for each item should be worked out and requisite totals given.

- i. The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.
- ii. If a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall, unless otherwise proved, be taken as correct.
- iii. If the amount of an item is not worked out by the tenderer, or it does not correspond with

Stamp and Signature of the Bidder

the rate written either in figures or in words, then the rates quoted by the tenderer in words shall be taken as correct.

- iv. Where the rate quoted by the tenderer in figures and in words tally but the amount is not worked out correctly, the rate quoted by the tenderer will, unless otherwise proved, be taken as correct and not the amount.

- D. Quoted rates to include all taxes:** As per the directives of the Government Authorities, the tax due at the rates notified by the Government from time to time, shall be deducted from the bills payable to the Contractors, for which TDS certificate shall be issued by the Department.
- E. Action in case of unrealistic rates:** In the case of any tender where unit rate of any item (s) appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
- F. Contractor to depute his representative at site:** The successful tenderer for the work should have a responsible and responsive representative with adequate powers to take speedy decisions during the entire period of execution at the Workplace. On acceptance of the work order, the name of the accredited representative(s) of the contractor, who would be responsible for taking instructions from the Engineer-in-Charge, shall be communicated in writing to the Engr-in-Charge.
- G. Sufficiency of Tender:** The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Bill of Quantities, at which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

**1. TIME FOR COMPLETION OF WORK:**

Entire work to be completed **within four months** (\* excluding monsoon period) from the date of issue of work order or handing over the site, whichever is later.

**\*The monsoon period shall be deemed to include all days during which activities are significantly hindered due to heavy rainfall. Such days will be documented and jointly acknowledged by both Engineer-in-charge and contractor.**

**The period may be extended, if the reasons furnished are acceptable to the Centre.**

**2. Compensation for delay / Liquidated Damages:**

For all delays, which do not merit any extension of time, the Contractor/ Supplier shall attract **0.5% penalty per week** or part thereof subject to a **maximum of 5% of the total contract value**. The amount liquidated damages shall be recoverable from the payment due to the Contractor/Supplier. The deduction of liquidated damages shall not, however, absolve the Contractor/Supplier of his responsibility and obligations under the contract to complete the work in its entirety and shall also be without prejudice to action by the Purchaser under clause: 'Termination of Contract by the Purchaser'. After that the same shall be completed by the Institute at the Contractors/Suppliers risk and cost.

**3. Time Extension for delay:** The time allowed for execution of the works as stipulated in the contract or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in contract. If the Contractor commits default in commencing the execution of the work as aforesaid, NCRA-TIFR shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee absolutely.

As soon as possible after the Contract is signed, the Contractor shall submit a Time and Progress Chart for each milestone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programed has been agreed upon) to complete the work as per the mile stones given.

**If the work(s) be delayed by:**

- i. Force majeure, or
- ii. Abnormally bad weather, or
- iii. Serious loss or damage by fire, or
- iv. Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
- v. Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract, or

- vi. Non-availability of stores, which are the responsibility of NCRA-TIFR to supply or
  - vii. Non-availability or break down of tools and plant to be supplied or supplied by NCRA-TIFR or
  - viii. Any other cause which, in the absolute discretion of the Engineer-in-Charge is beyond the Contractor's control,
- then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

Request for rescheduling of Mile stones and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within 14 days of the happening of the event causing delay on the prescribed form. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired. In any such case the **Engineer-in-Charge** may give a fair and reasonable extension of time and reschedule the milestones for completion of work. Such extension shall be communicated to the Contractor by the Engineer-in- Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

#### **4. Payment**

Payment will be made through **Four Running Account (RA) bills (the RA bill must be of minimum amount of Rs. 50.00 Lacs) and one final bill based** on the actual work done and your bill duly certified by our Competent authority.

- i) All payments will be made after adjusting GST TDS, Income Tax, TDS and labour Cess deduction at prevailing rates. Appropriate certificates shall be issued to the contractor towards statutory deductions, any other dues.
- ii) **No escalation and advance payment** will be made till the completion of the contract period.
- iii) Payment will be made, based on actual measurements of work done.
- iv) Bills will be settled only after satisfactory completion of the work and bill certified by our Engineer.
- vi) Contractor shall submit all bills to:  
**Shri S.D. Patil,**  
**Giant Metrewave Radio Telescope (GMRT),**  
**National Centre for Radio Astrophysics (NCRA)**  
**Khodad, Near Narayangaon,**  
**Tal. Junnar, Dist. Pune 410504, Maharashtra.**
- vii) Payment will be made by NCRA-TIFR, Pune through NEFT/RTGS.

#### **5. Indemnity Bond**

In case of order, you should also indemnify us on a non-judicial Stamp Paper of **Rs. 500/-** that in the event of happenings of anything of such nature, it would neither affect the work nor us in any way in respect of all Actions, Acts, Suits, Claims and Demands brought or made against NCRA-TIFR by your workmen or any other person or persons whomsoever in connection with the works or in respect of any matter or thing done or committed to be done by you in the execution of or in connection with the works notwithstanding that all reasonable and proper precautions may have been taken by you against any loss or damage to the Owner in consequence of any action or suit being brought against NCRA-TIFR for

anything done or committed to be done in connection with the execution of the work. The indemnity given by you as aforesaid shall extend to making good all claims and demands arising out of losses/damages to property of every description and kind, the infringement of any legal right as well as injury or accident to any person resulting in death or otherwise. Original Bond to be submitted directly to our Accounts section, GMRT, Khodad with a copy of the same to be given to Engineer, GMRT Khodad and Purchase Section, NCRA, Pune.

#### 6. SAFETY & SECURITY:

The Contractor will be responsible for the safety and security of all their workmen and staff and will ensure to maintain necessary records for payment and other details as per the prevailing Procedures and Acts. Contractor will be fully responsible for any personal injury, accident, death of your personnel and shall take proper precautions against any such loss or damages by taking **WORKMEN COMPENSATION INSURANCE POLICY (WCI Policy)**, valid till completion of the work for all the persons you deploy for this work. **Charges towards the same will have to be borne by the contractor.** However, it may please be noted that, you will be solely responsible for Safety and Security of your personnel at site deployed by you for this work.

Workmen Compensation policy must be taken keeping in consideration following:

- i. Labourers and Supervisor deployed for the work.
- ii. Place of Work:
  - (a) Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.
  - (b) GMRT Observatory, MPB around Area and Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra.

Copies of Insurance Policy be submitted directly to our Administrative Office, GMRT, Khodad, our Engineer at GMRT, Khodad and Purchase Section, NCRA. You should also promptly report in writing to us all cases of accidents and damages. However, irrespective of the cause and place of occurring, during the execution of the work, you should make adequate arrangements to render all possible aid to the victims of such accidents and damages during the execution of the work.

If any work to be executed under defect liability period, contractor shall obtain workmen compensation insurance policy for all the persons deployed at our site before starting such work at Contractors own cost.

#### 7. Settlement of Disputes & Arbitration:

- 7.1 Centre and the contractor shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 7.2 If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either Centre or the contractor may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Contract.
- 7.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:
  - (a) In case of Dispute or difference arising between Centre and contractor relating to any matter arising out of or connected with this agreement, such disputes or difference shall be

settled in accordance with the Indian Arbitration & Conciliation Act, 1996 as amended till date and the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to a sole arbitrator mutually acceptable to the contractor and Centre. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order. Charges of the arbitrator will have to be shared equally by the Contractor and the Centre.

- 7.4 The venue of the arbitration shall be the place at Pune.
8. **Confidential Information:** The drawings, specifications, proto-type, samples and such other information furnished to the contractor relating to the supply / work, sub-systems / equipment etc. are to be treated as confidential which shall be held by the contractor in confidence and shall not be divulged to any third party without the prior written consent of the Department. The contractor, therefore, binds himself, his successors, heirs, executors, administrators, employees and the permitted assignees or such other persons or agents directly or indirectly concerned with the work / supply to the confidential nature of the drawings, specifications, proto-type samples etc. It is a further condition of the contract that the contractor shall not, without prior written permission from the Department, transmit, transfer, exchange, gift or communicate any such confidential information, and also the component, sub assembly, products, by-products etc. pursuant to the fabrication undertaken by the contractor, to any third party.
9. **STORAGE OF TOOLS AND MATERIALS:** You shall make your own arrangement for storage/safety of tools, plants, machinery, materials & necessary arrangement for labour also.
10. **DEPLOYMENT OF LABOUR & MACHINERY:** You shall not employ any person who has not attained the age of 18 years. You shall deploy sufficient equipment and labour as may be necessary to maintain the progress of schedule. Night work which requires supervision shall not be permitted except when specially allowed by Engineer each time. On your request, you will be provided necessary lighting arrangements etc. for night work as directed by the Engineer.
11. **MARKING:** All lines and levels in connection with the works shall be given by the Engineer. You shall supply all the necessary assistance, pegs, stakes, instruments etc. required in this connection free of charge. The marks or the points thus given by our Engineer shall be carefully preserved by you.
12. **ASSIGNING & SUBLETTING:** Assigning or subletting the contract shall not be done unless written permission is obtained from NCRA-TIFR. Written permission, if given, shall not relieve you from your obligations under the contract and you shall take full responsibility for all work done by sub-contractors. You may sub-contract parts of the order, if necessary only to sub-contractor approved by NCRA-TIFR. You shall be responsible for transmitting pertinent data/specification of all contract terms and conditions to sub-contractors. You shall furnish to us four (4) copies of all sub-orders (un-priced) showing promised delivery dates and places.
13. **RIGHT TO ASSURANCES & REPUDIATION:** Whenever we in good faith have reason to question your intent to perform, we may demand in writing that you should give a written assurance of your intent to perform. In the event that the demand is made and no assurance is given within a reasonable period of time, say not exceeding four weeks, we may treat failure as an anticipatory repudiation of the order.

14. **WORK AT NIGHT OR ON HOLIDAYS:** No work at night or on legal holidays will be carried without the written consent of the Engineer and if permitted such work to be done in the presence of the Engineer or his representative.
15. **PROTECTION OF PROPERTY:** You shall be responsible for making good to the damages to the existing property during construction by your men. During the execution of work, it is likely that you may come across telephone cables, electrical cables, water supply lines, electrical items, sanitary fittings, etc. It will, therefore, be your responsibility to protect them carefully. All such cases should be brought to the notice of the Engineer by you and also to the concerned department. Any damage what-so-ever done to these cables / other valuables be made good by you at your own cost.
16. **INSPECTION:**  
Inspection during the course of work and after the job is ready will be done by RAC-NCRA. This does not relieve you of your responsibility to inspect/supervise during all stages of work.
17. **PROVISION FOR CANCELLATION :** At any time after the acceptance of the order, we shall have the absolute right to cancel the entire order upon payment to you for all disbursements or expenses which you have incurred or become liable for, prior to the date of notice of cancellation, less the reasonable resale value of material and equipment which shall have been obtained or ordered to become an integral part of the work, plus a sum as profit, bearing the same ratio to the profit that you would have received upon completing the work as the work done bears to the entire amount of work to be done by you under this order, provided that the total payment so made shall not exceed the contract price.
18. **FORCE MAJEURE :** Neither party shall be held responsible for any losses, if the fulfillment of any terms or provisions of the order, are delayed or prevented by Acts of lawful Government revolutions or other disorders, wars, acts of enemies, strikes, fires, floods, acts of God or acts of states without limiting the foregoing. Any other cause not within the control of the party whose performance is interrelated with, and which by the exercise of reasonable delinquency is unable to prevent, whether of the class of causes hereinbefore enumerated or not.
19. **TERMINATION OF THE CONTRACT:** If you have become bankrupt or have abandoned the work without any serious reason or deliberately delayed the work or is not carrying out the works under the terms and conditions of this contract, the Engineer. Reserves the right to terminate the contract at any time by giving written notice to you and you shall not be eligible for any compensation for the same.

In this case, the department shall take over the charge of the work and other materials lying on the site of works. The work shall be carried out by employing other persons. All such work shall be carried out at your own risk and cost. Any difference in the cost due to all such matters shall be deducted by the Institute from the security deposit or your payment against this or any other works.

**20. CANCELLATION OF CONTRACT.**

The Centre reserves the right to cancel the contract any time by giving one month's written notice. Similarly, if the Contractor wishes to withdraw his services he may do so by giving **one month's** notice in writing. Extension of the contract may be considered with mutual agreement depending on the need of the Centre and based on the past performance of the contractor.

21. **ELECTRICITY:** Electricity shall be provided by the department at free of cost from the existing nearby available source for the work. Bidders should make proper arrangements for extra length of cable/distribution board etc. to reach their work place with all electrical safety precautions. Also note that providing electricity is not binding to us.

22. **WATER:** If water is available with our existing source at site, then it will be allowed to use at free of cost. It is Contractors' own responsibility to make necessary arrangements to carry the same to work spot. Also note that providing water is not binding on us. **If water is not available with us, then the contractor shall make his own arrangement at his own cost.**

1) **Bill of Quantities (BOQ) :**

Sr. No	Item Description	UNIT
1	<p>(a) New Bitumen road work around the Multi-Purpose Building (MBP) at GMRT Observatory Campus, Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra</p> <p>(b) Existing bitumen road resurfacing work at Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.</p> <p>(c) Existing Bitumen road resurfacing work at GMRT Observatory, Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra</p> <p>The details of work to be carried out and procedure to be followed are as per Bill of Quantities (BOQ) and conditions in the tender documents.</p> <p><b>Quantity Variation : +/- 10 %.</b></p>	As per BOQ / Price Bid

2) **Special Conditions of Contract for Road Works:**

1. The quantities specified in the BoQ are tentative only. Actual quantities may vary during execution of the work.
2. GMRT representatives shall be available at the bidder's hot mix plant for inspection until completion of the entire work.
3. The thickness of Bituminous Macadam (BM), Bituminous Concrete (BC), MPM, and other items shall be based on site conditions and/or as directed by the Engineer-in-Charge.
4. Tack coat shall be applied only by machine spraying or as directed by the Engineer-in-Charge.
5. The contractor shall arrange a survey team with all required instruments at his own cost and shall carry out surveys as specified, following standard procedures for recording levels before and after execution of the work, in the presence of the Engineer-in-Charge or his representative.
6. Materials shall be stacked on road shoulders in a manner that does not obstruct or disturb existing vehicular movement.
7. Bidders shall visit the site, assess the existing road conditions, and quote rates accordingly.
8. The contractor shall make his own arrangements for storage, safety, and security of materials, tools, plants, machinery, and labour.
9. Debris, waste materials, and surplus materials generated during execution shall be cleared and disposed of by the contractor at his own cost from time to time.
10. Before commencement of work, proper line-out and marking/chalk pits shall be established at road edges for both new road works and resurfacing works.
11. Proper care shall be taken while heating bitumen, transporting premixed bituminous materials, and maintaining the specified temperature during application of tack coat, seal coat, and bituminous mixes.
12. The contractor shall provide necessary barricades, caution boards, signages, warning lights, and safety arrangements during execution of the work. Work without adequate safety arrangements shall not be permitted.
13. Proper levels, camber, gradients, and cross slopes shall be maintained during execution as directed by the Engineer-in-Charge.
14. The contractor shall submit documentary proof regarding the availability of required plants and machinery (owned or hired) along with the bid. NCRA/GMRT reserves the right to inspect such facilities and collect material samples whenever required.
15. Prior to application of tack coat and seal coat, the pavement surface shall be thoroughly cleaned of vegetation, loose material, caked mud, animal dung, dust, dirt, and other foreign matter, including cleaning of existing construction and expansion joints, by mechanical sweepers, blowers, wire brushes, brooms, or other approved means. The removed material shall be disposed of as directed by the Engineer-in-Charge.
16. The contractor shall protect adjacent buildings, walls, windows-glass, pavers, kerbstones, tiles, column skirting, MS gratings, IPS flooring, stone islands, footpaths, and other structures with suitable plastic sheets or protective coverings during spraying operations, at no extra cost.
17. All works shall be executed in accordance with the latest applicable CPWD, Maharashtra SSR, IRC, and MoRTH specifications and guidelines.

18. GMRT reserves the right to test materials and premixed bituminous products at approved/NABL-accredited laboratories for verification of the contractor's test reports. No additional payment shall be made for samples collected for such testing.
19. Expenses towards weighbridge operations shall be borne by the contractor. The Engineer-in-Charge may require weighing of bitumen tankers, boilers, Hyvas, trucks, or other vehicles to verify actual consumption and application quantities.
20. The Institute reserves the right to accept or reject any or all bids without assigning any reason and may reduce quantities or split the work among one or more contractors.
21. The contractor shall submit documentary proof/receipts of royalty payments made to the Government of Maharashtra, Revenue and Forest Departments, for Murrum and other minor minerals used in the work. No separate payment shall be made on this account.
22. The contractor shall submit material test certificates from NABL-accredited laboratories for all materials specified in the Schedule of Quantities.
23. Execution of work and testing of materials shall conform to Section 900 – Quality Control for Road Works of MoRTH "Specifications for Road and Bridge Works" (2013 Edition and latest amendments).
24. The contractor shall maintain daily, weekly, and monthly quality control reports indicating:
  - Location of sampling and testing,
  - Test results obtained,
  - Deviations from specified values,
  - Corrective and remedial measures adopted,
  - Removal and replacement of defective work, if any.

All test records shall be certified by the Engineer-in-Charge confirming that the tests were conducted in his presence and in accordance with the prescribed methodology.

25. No extra payment shall be made for compliance with any of the above conditions, and the quoted rates shall be deemed to include all costs associated with their implementation.

**APPLICATION FORM (TO BE USED FOR TECHNICAL BID)**

[NOTE: On the letterhead of the applicant including full postal address, email address, telephone no.]

Date: \_\_\_\_\_

To,  
The Centre Director,  
National Centre for Radio Astrophysics,  
Tata Institute of Fundamental Research,  
Savitribai Phule Pune University Campus,  
Ganeshkhind, Pune – 411007.

Sir/s,

1. Being duly authorized to represent and act on behalf of \_\_\_\_\_ (hereinafter referred to as “the Applicant”) and having reviewed and fully understood all the pre-qualification information provided, the undersigned hereby applies to be pre-qualified by yourselves as a tenderer for award of work(s) for
  - (a) **New Bitumen road work around the Multi-Purpose Building (MBP) at GMRT Observatory Campus, Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra**
  - (b) **Existing bitumen road resurfacing work at Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.**
  - (c) **Existing Bitumen road resurfacing work at GMRT Observatory, Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra, as per Annexures and specifications attached.**
  
2. Attached to this letter are copies or original documents defining:
  - (a) the applicant’s legal status
  - (b) the principal place of business
  - (c) the place of incorporation (for applicants who are corporations) or the place of registration and the nationality of the owners (for applicants who are partnerships or individually owned firms)
  - (d) All Annexure.
  
3. Your agency and its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this application, and to seek clarification from our bankers and clients regarding any financial and technical aspects. This letter of application will also serve as authorization to any individual or authorized representative or any institution referred to in the supporting information, to provide such information deemed necessary and requested by you to verify statements and information provided in this application, or with regard to the resources, experience, and competence of the Applicant.

Stamp and Signature of the Bidder

4. Your agency and its authorized representatives may contact the following persons for further information on general, personnel, technical and financial enquiries.  
Contact 1 : Name, email and Phone  
no. Contact 2: Name, email and  
phone no.
5. This application is made with the full understanding that:
- (a) Bids submitted by applicants will be subject to verification of all information submitted at the time of bidding
  - (b) Your agency reserves the right to:
    - amend the scope and value of the contract / bid under this project; in such event, bids will only be called from pre-qualified bidders who meet the revised requirements; and
    - reject or accept any application, cancel the pre-qualification process, and reject all applications without assigning reasons or incurring any liability thereof; and
  - (c) Your agency shall not be liable for any such actions and shall be under no obligation to inform the applicant.
6. The undersigned declares that statements made and the information provided in the duly completed application are true and correct in every detail.

Signed and sealed, Name .....  
For and on behalf of .....

(To be printed on letterhead)

**Bidder's Details**

1	Name of the Firm/ Company	
2	Address of the Firm/ Communication Address:	
3	Name and Designation of Authorized Signatory	
4	Mobile No.:	
5	Telephone No.:	
6	E-Mail ID:	
7	Website:	
8	GST Registration Number:	
9	PAN Number:	
10	Firm's Bank Account details	Bank Account No.:
		Name of the Bank:
		IFSC Code No:
		Name of Branch:
11	Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry	
a)	Name of Person:	
b)	Designation:	
c)	Mobile No:	
d)	E-Mail ID:	

\_\_\_\_\_  
Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Stamp and Signature of the Bidder

**CA Certificate**

**(Financial Capabilities)**

(ON CA's Letter Head)

I. Bidders Name : \_\_\_\_\_

<b>Financial Year</b>	<b>Turnover</b>	<b>Net Worth</b>
2022-23		
2023-24		
2024-25		

For \_\_\_\_\_

Chartered Accountants / Cost Accountant:

Name & Signature :

Company Seal & Phone No. :

Date :

Stamp and Signature of the Bidder

**SOLVENCY CERTIFICATE**

**Bankers' Certificate from A Nationalized / Scheduled Bank**

This is to certify that to the best of our knowledge and information that M/s.....  
Sh..... having marginally noted address, a customer of  
our bank are/is respectable and can be treated as good for any engagement upto a limit of  
Rs.....

(Rupees.....)

(Signature) For the Bank

NOTE:

- (1) Bankers certificates should be on letter head of the Bank, sealed in cover addressed to tendering authority.
- (2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

Stamp and Signature of the Bidder

**ANNEXURE –V**

**EXPERIENCE OF COMPLETION OF PROJECTS OF SIMILAR NATURE & COMPLEXITY**

(During the last seven years i.e. prior to **31.05.2026**)

<b>Sl. No.</b>	<b>Name of work / Project and Location.</b>	<b>Owner or sponsoring organization</b>	<b>Cost of work in Lakhs</b>	<b>Date of commencement as per contract.</b>	<b>Stipulated date of completion</b>	<b>Actual date of completions</b>	<b>Name and address/ telephone number of officers to whom reference may be made.</b>	<b>Remarks</b>

NOTE: Please attach supporting documents (completion certificates along with work order copies) for the above information.

Stamp and Signature of the Bidder

**LITIGATION DETAILS**  
**(COURT CASES / ARBITRATION)**

<b>Year</b>	<b>Name of the work</b>	<b>Name of the Client, with Address</b>	<b>Title of the court Case/Arbitration</b>	<b>Detail of the Court/ Arbitrator</b>	<b>Status Pending/ Decided</b>	<b>Disputed Amount (Current Value, the equivalent) in case of Court Cases/arbitration</b>	<b>Actual Awarded Amount (Rs) in decided Court Cases/arbitration</b>

Signature and seal of Authorized Signatory of bidder

Stamp and Signature of the Bidder

**DECLARATION REGARDING NON-BLACKLISTING / DEBARMENT**

(To be printed on letterhead)

Enquiry / Tender No.:

1. I/We \_\_\_\_\_ (Applicant) hereby declare that our firm/company namely M/s \_\_\_\_\_ has not been blacklisted or debarred in the past by the Central Govt. / State Govt. / Public Sector Undertaking/ Universities/ Research Institutions or any other Govt. organization from taking part in Government Tender.

**(OR)**

2. I/We \_\_\_\_\_ (Applicant) hereby declare that our firm/company namely M/s. \_\_\_\_\_ was blacklisted or debarred by the Central Govt. / State Govt. / Public Sector Undertaking/ Universities/ Research Institutions or any other Govt. organization from taking part in Government Tender for a period of \_\_\_ years w.e.f. \_\_\_\_\_ to \_\_\_\_\_.

The period is over on \_\_\_\_\_ and now the firm/company is entitled to take part in the Government Tender.

*\* Please strike off whichever is not applicable*

\_\_\_\_\_  
Authorised Signatory and Seal of the Firm/ Company

Name :

Designation :

Email Address:

Stamp and Signature of the Bidder

**CERTIFICATE OF COMPLIANCE**

[On the letterhead of the applicant, including full postal address, email address and telephone no.]

Bid Ref. No.: \_\_\_\_\_

Date: \_\_\_\_\_

To,  
 The Centre Director  
 National Centre for Radio Astrophysics (NCRA)  
 Tata Institute of Fundamental Research (TIFR)  
 Savitribai Phule Pune University Campus  
 Ganeshkhind, Pune – 411007, Maharashtra, INDIA

**Sub.: Restrictions on procurement from Bidders from a country or countries or a class of countries under Rule 144(xi) of the General Financial Rules 2017.**

Sir,

“We have read the clause regarding restrictions on procurement from a Bidder of a country which shares a land border with India; and solemnly certify that we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.”

Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise of any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be a violation of the Code of Integrity and would attract penalties as mentioned in this tender document, including debarment. \_\_\_\_\_

Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Stamp and Signature of the Bidder

**Technical Manpower Detail Sheet**

<b>S. N.</b>	<b>Name of staff</b>	<b>Qualification</b>	<b>Designation</b>	<b>Years of Experience/ Specialization</b>	<b>Remarks</b>
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					

**Signature with Seal &Date**

Stamp and Signature of the Bidder

## FORM OF AGREEMENT

This Agreement made the \_\_\_\_\_ day of \_\_\_\_\_ 2026 \_\_\_\_\_ between National Centre for Radio Astrophysics (NCRA)- Tata Institute Of Fundamental Research (TIFR), Pune for the entering into work(s) for **(a) New Bitumen road work around the Multi-Purpose Building (MBP) at GMRT Observatory Campus, Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra (b) Existing bitumen road resurfacing work at Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra. (c) Existing Bitumen road resurfacing work at GMRT Observatory, Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra, as per Annexures and specifications attached.**

(hereinafter called "The Employer") who enters into this Agreement of the one part and M/s ..... (herein after called "The Contractor") of the other part.

Whereas the Employer is desirous that certain works should be executed by the Contractor, viz \_\_\_\_\_ ("the Works") and has accepted a Bid by the Contractor for the execution and completion of the works and the remedying of any defects therein.

Now this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz :
  - (a) The Letter of Award;
  - (b) The said Bid;
  - (c) The General Conditions of Contract;
  - (d) Prequalification document
  - (e) Instructions to Tenderers and Specific Conditions of Contract;
  - (f) The Specification;
  - (g) The Drawings;
  - (h) The Price Bid
  - (i) Any other relevant documents referred to in this Agreement or in the aforementioned documents
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of this work.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein the Contract Price or only such other sums as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

In Witness whereof the parties hereto have caused this Agreement to be executed the day and year first before written. Signed, Sealed, and Delivered by the Said

\_\_\_\_\_  
Signed, Sealed, and Delivered by the Said  
Binding Signature of Contractor

In the presence of:

Witness (1):

Witness (2):

\_\_\_\_\_  
Binding Signature for and  
on behalf of NCRA-TIFR, Pune.

Stamp and Signature of the Bidder

**PROFORMA FOR PERFORMANCE BANK GUARANTEE**

(To be executed by the successful bidder on a stamp paper of Rs. 500  
from any Nationalised Bank or Scheduled Bank)

In consideration of the NATIONAL CENTER FOR RADIO ASTROPHYSICS- TATA INSTITUTE OF FUNDAMENTAL RESEARCH (hereinafter called “The NCRA-TIFR”) having agreed under the terms and conditions of Work Order No..... dated \_\_\_\_\_ made between NCRA-TIFR and M/s \_\_\_\_\_ (hereinafter called “ the said Contractor{s}“ ) .for the work \_\_\_\_\_ (hereinafter called “ the said Work Order”) having agreed to production of an irrevocable bank Guarantee for Rs. .... (Rupees ..... only), as a security / guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said Work Order, we \_\_\_\_\_ (Indicate the name of the Bank) (hereinafter referred to as “the Bank”) hereby undertake to pay to the NCRA-TIFR an amount not exceeding Rs. . (Rs \_\_\_\_\_ only) on demand by the NCRA-TIFR.

2. We \_\_\_\_\_ (indicate the name of Bank) do hereby undertake to pay the amounts due and \_\_\_\_\_ and \_\_\_\_\_ payable under this guarantee without any demur, merely on a demand from the NCRA-TIFR stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees only).

3. We, the said bank, further undertake to pay to the NCRA-TIFR any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We \_\_\_\_\_ (indicate the name of Bank) further agree that the guarantee herein contained shall remain \_\_\_\_\_ remain in full force and effect during the period that would be taken for the performance of the said Work Order and that it shall continue to be enforceable till all the dues of the NCRA-TIFR under or by virtue of the Work order have been fully paid and its claims satisfied or discharged or Purchase Officer on behalf of the NCRA-TIFR certifies that the terms and conditions of the said Work Order have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

Stamp and Signature of the Bidder

5. We ..... (indicate the name of Bank) further agree with the NCRA-TIFR that the NCRA-TIFR shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Work Order or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the NCRA-TIFR against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Work Order and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the NCRA-TIFR or any indulgence by the NCRA-TIFR to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, (indicate the name of Bank) lastly undertake not to revoke this guarantee except with the previous consent of the NCRA-TIFR in writing.

8. This guarantee shall be valid up to , unless extended on demand by NCRA-TIFR. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee, all our liability under this guarantee shall stand discharged.

*sealed Dated the ..... day of ..... for* *Signed and  
(indicate the name of  
Bank)  
\**

\* \* (Note: The Letter of Intent shall form part of the Agreement)

**Format of Indemnity Bond**

(to be executed on **Rs. 500/-** Non-Judicial Stamp Paper by the successful bidder before commencement of work at site)

Work Order No. \_\_\_\_\_ Dt. \_\_\_\_\_

In consideration of National Centre for Radio Astrophysics, Tata Institute of Fundamental Research (NCRA/TIFR) having office at Savitribai Phule Pune University Campus, Ganeshkhind, Pune 411 007, hereinafter referred to as "The Institute", which expression shall unless it be repugnant to the context or meaning thereof, include its successors and assignors having awarded to M/s.

\_\_\_\_\_ having registered office at \_\_\_\_\_, a firm carrying in such name and style the business of \_\_\_\_\_ (hereinafter referred to as "The Contractor" which expression shall unless it be repugnant to the context or meaning; thereof, include its partner(s) / proprietor(s) for the time being or its surviving partner(s) or its heirs and executors, administrators and assignees, its successors and assignors) the contract for \_\_\_\_\_ and in compliance with the terms and conditions of the said contract.

We M/s. \_\_\_\_\_ being the contractor shall save harmless and indemnify the Institute in respect of:

- a. Any expenses arising from any injury or accident or death of workers hired for this work or damage to property of any third party.
- b. Any claim made under any Act of Government or otherwise in respect of injury or damage as aforesaid.
- c. Any award of compensation or damages upon any claim as above.
- d. Any claim against the Institute by any member of the public or other third party in respect of anything, which may arise in respect of the works or in consequence thereof.
- e. Any claim which may be made upon the Institute whether under the Workman's Compensation Act or any other statute in force during the currency of this contract or of common law in respect of any worker of the contractor/or their family member(s) or of his sub-contractor(s).
- f. Any costs, charges or expenses arising out of any claim or proceeding and in respect of any award of compensation of damages arising therefrom.

We also hereby confirm that we have taken Workman's Compensation Policy No. \_\_\_\_\_ dtd. \_\_\_\_\_ valid till \_\_\_\_\_ for \_\_\_\_\_ persons deployed for work awarded to us against

the above-cited order form M/s. \_\_\_\_\_.

For and on behalf of M/s. \_\_\_\_\_

Date:

S E A L

Accepted By

for and behalf of NCRA (TIFR) Pune

Stamp and Signature of the Bidder

**CERTIFICATE FOR SITE INSPECTION / VISIT**

**At GMRT-NCRA, Khodad**

GeM Bid / Tender No.: NCRA:WF025:CPPP:2026-27

- (a) New Bitumen road work around the Multi-Purpose Building (MBP) at GMRT Observatory Campus, Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra**
- (b) Existing bitumen road resurfacing work at Narayangaon Housing Colony, Narayangaon, Tal. Junnar, Dist. Pune 410504, Maharashtra.**
- (c) Existing Bitumen road resurfacing work at GMRT Observatory, Central Square Area – Phase II at GMRT Khodad, Tal. Junnar, Dist. Pune 410504, Maharashtra.**

Certified that we..... (Name of bidder) have visited the site on dated            and assessed the nature and amount of work involved before submitting our offer. We will be able to complete the works within the stipulated time and also certify that we will be able to supply the material/executing the work as per specification to suit the site conditions.

Name & Signature of Bidder :

Designation :

Company Seal & Phone No. :

Date :

Name & Signature of  
Centre's Representative:

Date :

Stamp and Signature of the Bidder

(To be printed on letterhead)  
**Acceptance of Terms & Conditions of Tender**

Dated: \_\_\_\_\_

To,  
The Centre Director  
National Centre for Radio Astrophysics (NCRA)  
Tata Institute of Fundamental Research (TIFR)  
Savitribai Phule Pune University Campus  
Ganeshkhind, Pune – 411007, Maharashtra, INDIA

**Subject:** Acceptance of Terms & Conditions of Tender

**Bid Ref. No.:**

Sir,

I/We hereby certify that I/we have read the entire technical specifications, bid-specific terms and conditions and buyer-added terms and conditions of the subject bid (including all documents like annexure(s), etc.), which form part of the contract agreement and I/we shall abide by the terms/conditions/clauses contained therein.

I/We hereby unconditionally accept the tender conditions of above-mentioned bid document(s) / corrigendum(s) in its totality/entirety.

I/We do hereby declare that our Firm has not been blacklisted/ debarred by any Government. Department/Public sector undertaking.

\_\_\_\_\_  
Authorized Signatory (signature in full):

Name:

Designation:

Seal of the Firm/Company:

Date:

Place:

Stamp and Signature of the Bidder

(to be printed on Supplier's letterhead)

## INTEGRITY PACT

### General

This pre-bid pre-contract Agreement hereinafter called the Integrity Pact is made on \_\_\_\_\_ day of the month of \_\_\_\_\_, between, on one hand,

Centre Director, National Centre of Radio Astrophysics - Tata Institute of Fundamental Research (NCRA-TIFR), Pune hereinafter called the “BUYER” of the First Part and M/s. \_\_\_\_\_ represented by Shri. \_\_\_\_\_, Director/Chief Executive Officer/General Manager/Authorised person hereinafter called the “BIDDER/Seller” of the Second Part.

WHEREAS the BUYER proposes to procure \_\_\_\_\_ (Name of the Stores/Equipment/Item) and the BIDDER/Seller is willing to offer/has offered the stores and

WHEREAS the BIDDER is a private company/public company/Government undertaking/partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is an Autonomous Body under the Department of Atomic Energy, Government of India.

NOW, THEREFORE, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the BUYER to obtain the desired said stores / equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

### 1. Commitments of the BUYER

1.1 The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.

Stamp and Signature of the Bidder

1.2 The BUYER will, during the pre-contract stage, treat all BIDDERS alike and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.

1.3 All the officials of the Buyer will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2. In case any such preceding misconduct on the part of such official (s) is reported by the BIDDER to the BUYER, with full and verifiable facts and the same is prima facie found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the BUYER the proceedings under the contract would not be stalled.

### **3. Commitments of BIDDERS**

3.1 The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

3.2 The BIDDER will not offer, directly or through intermediaries, any bribe, consideration, gift, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.

3.3 The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or for bearing to show favour or disfavour to any person in relation to the Contract or any other Contract with the Government.

3.4 BIDDERS shall disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.

3.5 BIDDERS shall disclose the payments to be made by them to agents / brokers or any other intermediary, in connection with this bid/contract.

3.6 The BIDDER further confirms and declares to the BUYER that the BIDDER is the original manufacturer/ integrator/ authorized government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER, or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

3.7 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

3.8 The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

3.9 The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

3.10 The BIDDER shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

3.11 The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

3.12 The BIDDER shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

3.13 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is a relative of any of the officers of the BUYER, or alternatively, if any relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filing of tender. The term relative for this purpose would be as defined in Section 6 of the Companies Act 1956.

3.14 The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER.

#### **4. Previous Transgression**

4.1 The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify BIDDER's exclusion from the tender process.

4.2 The BIDDER agrees that if it makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

#### **5. Security Deposit / Performance Guarantee**

5.1 Performance Guarantee Bond is mandatory.

5.2 Successful tenderer/ bidder should submit performance guarantee as prescribed above to be sent to the Centre Director, NCRA-TIFR, Pune within 14 days of receipt of our order. The PBG to be furnished in the form of bank guarantee as per proforma or annexure of the tender documents, for an amount covering 5% of the purchase order/work order value.

5.3 The Performance Guarantee should be established in favour of “Centre Director, NCRA-TIFR, Pune”.

5.4 PBG to be established through any of the National Banks (whether situated at Pune or outstation) with a clause to enforce the same on their local branch of Pune or any scheduled bank (other than national bank) situated at Pune. Bonds issued by cooperative banks will not be accepted.

5.5 Performance Guarantee Bond shall be for the due and faithfully performance of the contract and shall remain binding, notwithstanding such variations, alterations for extensions of time as may be made, given, conceded or agreed to between the successful tenderer and the purchaser under the terms & conditions of acceptance to the tender.

5.6 The successful tenderer is entirely responsible for due performance of the contract in letter and spirit and all other documents referred to in the acceptance of tenders.

5.7 The PBG shall be kept valid during the period of the contract and shall continue to be enforceable and valid till completion of all Defect Liability Periods plus two months i.e. Total 38 Months. In case PBG needs extensions up to extension period then supplier shall initiate extensions to PBG one month prior to expiry of PBG.

5.8 For successful suppliers, if PBG is not submitted within 14 days from the date of Order Acknowledgement, then the Purchase Order/ Work Order will be cancelled with forfeiting of EMD.

5.9 No interest shall be payable by the buyer to the Bidder on PBG.

## **6. Sanctions for Violations**

6.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, wherever required:

- i. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
- ii. The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Bond (after the contract is signed) shall stand forfeited either fully or partially, as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.
- iii. To immediately cancel the contract, if already signed without giving any compensation to the BIDDER.
- iv. To recover all sums already paid by the BUYER and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
- v. To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.

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- vi. To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
- vii. To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of two years, which may be further extended at the discretion of the BUYER.
- viii. To recover all sums paid in violation of this pact by the BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
- ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.
- x. Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

6.2 The BUYER will be entitled to take all or any of the actions mentioned at para 6.1(i) to (x) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act 1988 or any other statute enacted for prevention of corruption.

6.3 The decision of the BUYER to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the independent Monitor(s) appointed for the purposes of this Pact.

## **7. Fall Clause**

7.1 The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry / Department of the Government of India or PSU and if it is found at any stage that similar product/system or sub-system was supplied by the BIDDER to any other Ministry/Department of the Government of India or PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER, if the contract has already been concluded.

## **8. Independent monitors**

8.1 The BUYER has appointed Independent Monitors (hereinafter referred to as Monitors) for this Pact in consultation with the Central Vigilance Commission.

8.2 The task of the Monitor shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

8.3 The Monitor shall not be subject to instructions by the representatives of the parties and performs their functions neutrally and independently.

8.4 Both the parties accept that the Monitor have the right to access all the documents relating to the project/procurement, including minutes of the meetings.

8.5 As soon as the Monitor notices, or believes to notice, a violation of this Pact, he will so inform the Authority designated by the BUYER.

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8.6 The BIDDER(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the BUYER including that provided by the BIDDER. The BIDDER will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor(s) with confidentiality.

8.7 The BUYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

8.8 The Monitor will submit a written report to the designated Authority of BUYER/ Secretary in the Department/within 8 to 10 weeks from the date of reference or intimation to him by the BUYER/ BIDDER and should the occasion arise, submit proposals for correcting problematic situations.

### **9. Facilitation of Investigation**

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information & documents in English and shall extend all possible help for the purpose of such examination.

### **10. Law and Place of Jurisdiction**

This Pact is subject to Indian Law. The place of performance and Jurisdiction is the Seat of the BUYER.

### **11. Other Legal Actions**

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

### **12. Validity**

12.1 The validity of this Integrity Pact shall be from the date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/ Seller, including the warranty period, whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

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12.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

The Parties hereby sign this Integrity Pact.

**BUYER**

**BIDDER**

Centre Director, NCRA-TIFR, Pune

Signature with seal

Date & Place:

Date & Place:

Witness

Witness

1. \_\_\_\_\_

1. \_\_\_\_\_

(Indenter)

2. \_\_\_\_\_

2. \_\_\_\_\_

Stamp and Signature of the Bidder

## **PART – H GENERAL GUIDELINES TO BIDDERS ON CPPP E-PROCUREMENT MODULE**

### **1. Procedure for Registration by the Bidder**

1.1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll" on the CPP Portal.

1.2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

1.3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

1.4. Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.

1.5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **2. Searching for Tender Documents**

2.1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.

2.2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

2.3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **3. Procedure for preparation and submission of bids**

3.1. The documents should be page numbered and contain the list of contents with page numbers. The deficiency in documentation may result in the rejection of the Bid.

3.2. Bidder should take into account any corrigendum published (if any) on the tender document before submitting their bids.

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3.3. Bidders are advised to go through the Tender advertisement and the Tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3.4. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid documents may be scanned with 100dpi.

3.5. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

3.6. As part of the bid, bidder should provide all the documents as follows: -

- Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- The serve time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- All the documents being submitted by the bidders would be encrypted to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings

#### 4. Assistance to Bidders:

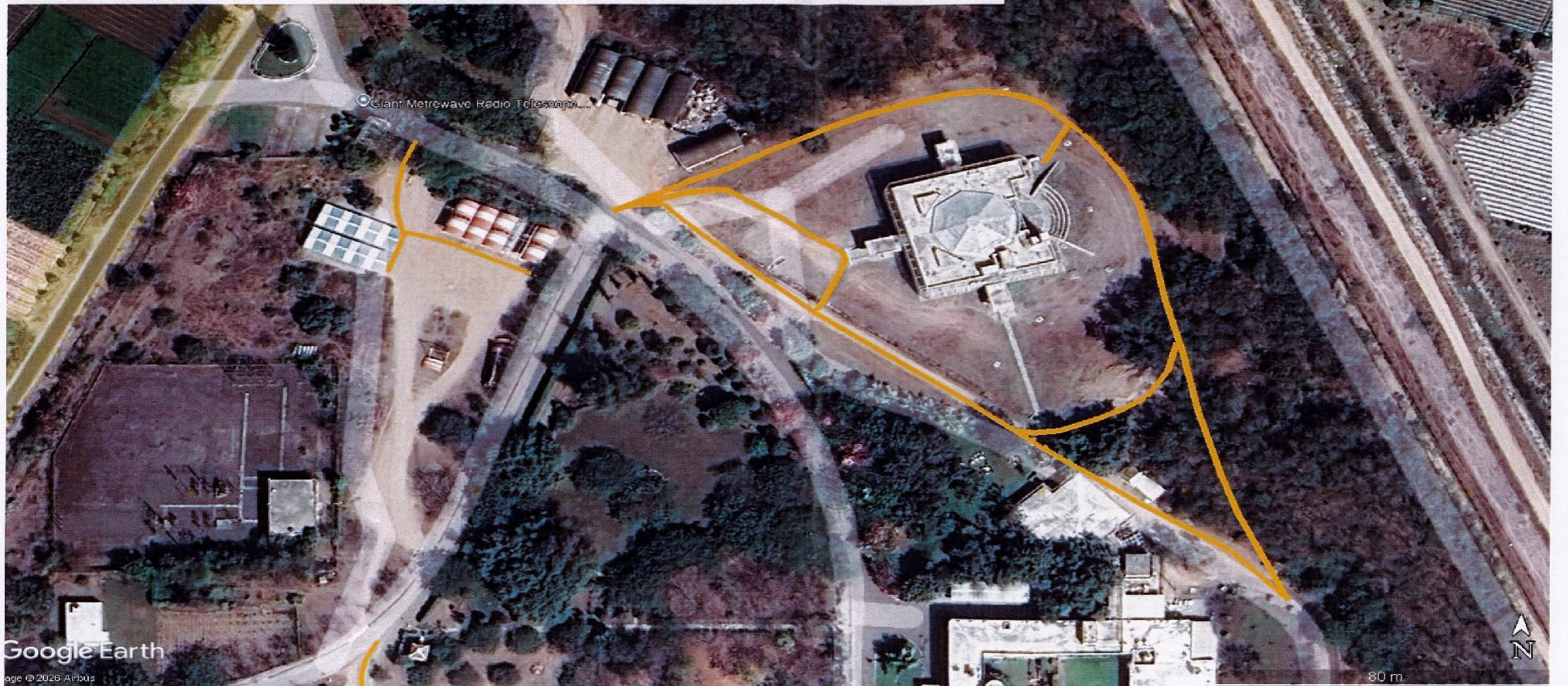
Any queries relating to the NIT document and the terms and conditions contained therein should be addressed to the Purchase Officer, NCRA-TIFR, Pune. For, any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact numbers for the helpdesk is 0120-4200462 / 0120-4001002 / 0120-4001005 / 0120-6277787.

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# New Bitumen Road work around MP Building at GMRT Observatory Campus, Khodad

Total Length - New Road - Orange - Approx. - 591 meters

Legend



LSP  
(A-B/Civil)

Stamp and Signature of the Bidder

### Existing Bitumen Road Resurfacing work at Narayangaon Housing Colony, Narayangaon

Total Length - Existing Road - Green - Approx. - 1000 meters

Total Length - New Road - Orange - Approx. - 85 meters

Legend



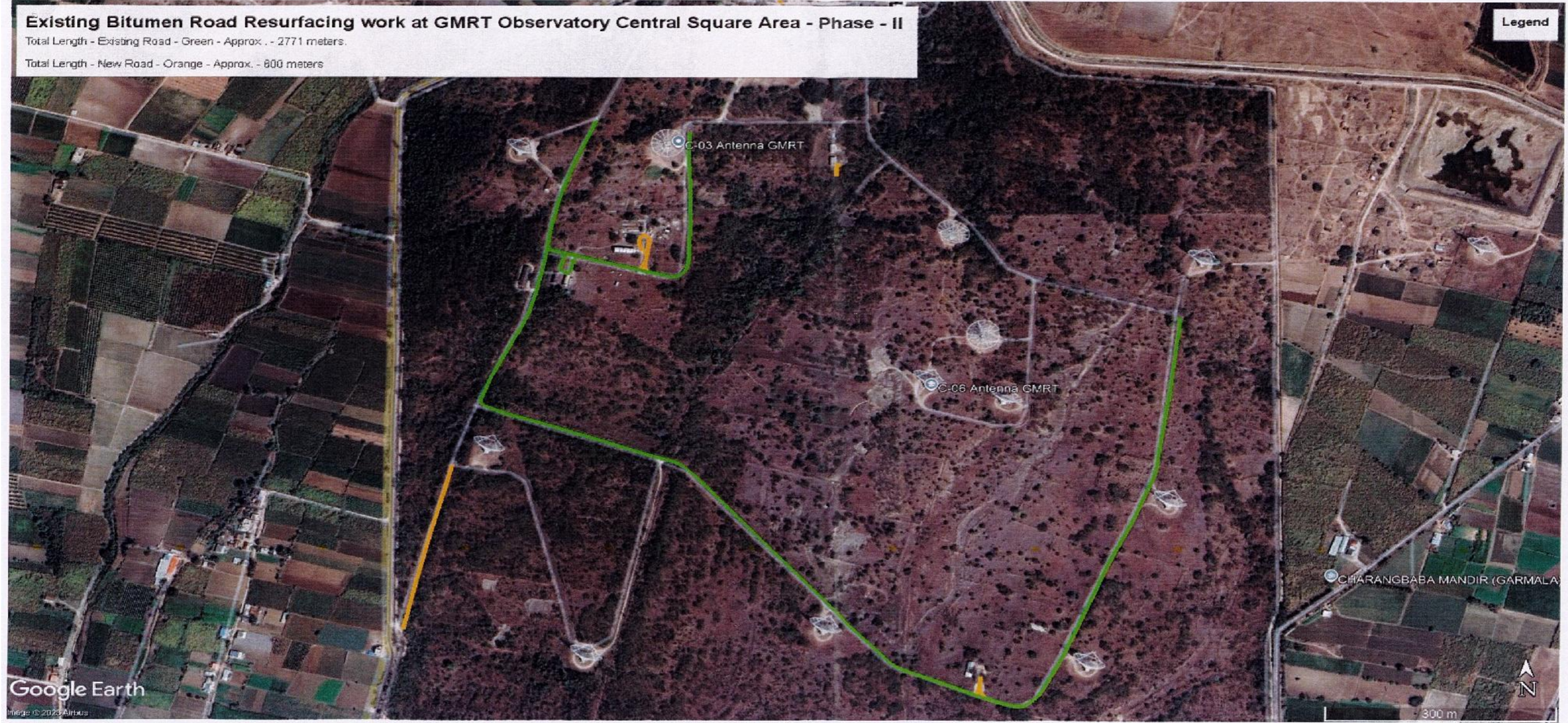
*Handwritten signature*

Stamp and Signature of the Bidder

47A

**Existing Bitumen Road Resurfacing work at GMRT Observatory Central Square Area - Phase - II**  
Total Length - Existing Road - Green - Approx. - 2771 meters.  
Total Length - New Road - Orange - Approx. - 800 meters

Legend



Google Earth  
Image © 2023 Airbus

LAA  
TAB/civ7

Item Wise BoQ

Tender Inviting Authority: < Centre Director, National Centre for Radio Astrophysics, Tata Institute of Fundamental Research, Savitribai Phule Pune University Campus, Ganeshkhind, Pune 411007, Maharashtra >

Name of Work: < New Bitumen Road work around MPB GMRT, Existing Bitumen Road Resurfacing work at Narayangaon Colony & GMRT Observatory Central Square Area, Khodad, Pune 410504, Maharashtra >

Contract No: < NCRA:WF025:CPPP:2026-27 >

PRICE SCHEDULE (DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)										
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)										
NUMBER	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	TEXT #
SL No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE in Figures To be entered by the Bidder in Ra. P	GST (if applicable in percentage)	GST Amount in INR	TOTAL AMOUNT Without Taxes Ra. P	TOTAL AMOUNT With Taxes Ra. P	TOTAL AMOUNT in Words
1	2	3	4	5	6	7	8	9	10	11
	<b>(GMRT Central Square - Sr. No. 1 to 31)</b>									
1	Scarifying the existing bituminous road surface to a depth of 50 to 150 mm (depending upon the site condition) removing, by manual or mechanical means, including transportation/disposing any where, outside the housing colony and as directed & bringing the existing road to proper grade, level & camber &/ as per super elevation, rolling with 10/12 Tonnes power roller & binding the scarified layer with stone dust/grit/sand, watering, brushing, rolling, etc. complete as specified and directed by the Engineer. (Note:- This Item Quantity Shall be executed only based on the site condition and wherever required at the time of execution) all complete as directed by GMRT-NCRA.	Item1	413.20	Sq.M			0.00	0.00	0.00	INR Zero Only
2	Earthwork in excavation by mechanical means(hydraulic excavator)/manual means over areas including getting out and disposal of excavated earth lead upto 300 m and for all lift, including dressing to camber, artificial watering and consolidating with road roller of required capacity including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth within desired location of housing colony etc. all complete as directed by Engineer-in-charge. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item2	540.81	Cum.			0.00	0.00	0.00	INR Zero Only
3	Providing and laying Bitumen Penetration Macadam(BPM)/MPM of specified thickness with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade, including required key aggregate as specified, spreading coarse aggregate with the help of self-propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy: For 50mm compacted thickness using coarse aggregate of size 50-20 mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG - 30 @ 50 kg/ 10 sqm. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item3	2299.20	Sq.M			0.00	0.00	0.00	INR Zero Only
4	Providing and applying tack coat using hot straight run bitumen of grade VG - 30, including heating the bitumen at required Temperature, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg /sqm. all complete as directed by GMRT-NCRA.	Item4	23741.40	Sq. M			0.00	0.00	0.00	INR Zero Only
5	Providing and laying Bituminous macadam using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tippers, laid over a previously prepared surface with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of NCRA. 50 mm average compacted thickness with bitumen of grade VG-30 @ 3.50% (percentage by weight of total mix) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item5	537.61	Cum.			0.00	0.00	0.00	INR Zero Only
6	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of NCRA-GMRT. 50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH capacity. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item6	22.05	Cum.			0.00	0.00	0.00	INR Zero Only
7	2 cm premix carpet surfacing with 1.8 cum and 0.90 cum of stone chippings of 13.2 mm size and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). With paving Asphalt grade VG - 30 with no solvent (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item7	10752.20	Sq.M			0.00	0.00	0.00	INR Zero Only
8	Providing and laying seal coat over prepared surface of road with bitumen heated in bitumen boiler fitted with the spray set spraying using 98 kg of bitumen of grade VG - 30 and binding surface with 0.90 cum of M-Sand of 3mm size per 100 sqm of road surface, including rolling and finishing with power road roller at 1466l complete. all complete as directed by GMRT-NCRA.	Item8	11004.20	Sq.M			0.00	0.00	0.00	INR Zero Only

9	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motorgrader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of NCRA.(Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.  With material conforming to Grade-I of specified thickness (size range 75 mm to 0.075 mm) having CBR Value-30	Item9	223.38	Cum.			0.00	0.00	0.00	INR Zero Only
10	With material conforming to Grade-II of specified thickness (size range 53 mm to 0.075 mm ) having CBR Value-25	Item10	111.77	Cum.			0.00	0.00	0.00	INR Zero Only
11	Providing and laying water bound macadam road of 100 mm consolidated thickness including preparing the subgrade with proper level, camber, supplying and spreading 45 to 63 mm size graded stone metal (Spotless black trap stone metal) in correct line, level, camber, compacting by power road roller & binding the surface with approved grit or murrum of minimum 50mm thick, and compacting properly with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, artificial watering and compacting to the required density etc. all complete as directed by the Engineer In-charge. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item11	117.50	Cum.			0.00	0.00	0.00	INR Zero Only
12	Clearing/cutting the road side shoulder grass and removal of the rubbish up to a distance of 50m or outside the periphery of the area cleared including, properly dressing the surface to receive the hard murrum etc. all complete as directed by GMRT-NCRA.	Item12	9507.00	Sq. M			0.00	0.00	0.00	INR Zero Only
13	Brooming the old W.B.M surface by wire brushes, coir brushes, dusting cleaning or mechanical means etc. for receiving the bituminous treatment with required with all tools & tacksels and stacking the garbage at specified place etc. all complete as directed by GMRT-NCRA.	Item13	810.00	Sq. M			0.00	0.00	0.00	INR Zero Only
14	Removing an Existing Reinforced Cement Concrete (RCC) Hume pipe of 450 mm diameter, involves specialized excavation (excavation shall be paid in relevant item), carefully lifting to avoid cracking surrounding structures, and transportation (including loading + unloading) of the materials to the desired location as directed within the campus, removing existing collars/joints, lifting using necessary machine/manpower, Unserviceable material must be cleared, and reusable pipe sections must be stacked within a specified lead as directed. The single pipe typically measures 2.5 meters in length all complete as directed by the GMRT-NCRA. (The total length of the hume pipe is approximately - 7.5 RMT)	Item14	1.00	Lumpsum			0.00	0.00	0.00	INR Zero Only
15	Providing and laying 700 mm internal dia non-pressure NP-3 class (Heavy Duty) R.C.C pipe, in road crossing, in correct line, level, slope, in manual or mechanical means joint filling/ collars jointed with stiff mixture of cement mortar in the proportion cement mortar 1:2(1 cement : 2 fine sand), including curing and testing of joints etc. The cost includes all the required operations to complete the work in all aspects.all complete as directed by GMRT-NCRA.	Item15	10.00	RMT			0.00	0.00	0.00	INR Zero Only
16	Providing and laying Rubble stone hardcore soling to receive GSB etc. of consolidated thickness of 230 mm to 300 mm (Depending up on the site conditions) using approved quality spotless good quality stones with vertically handset, interstice packed with smaller stone chips, binding with supplying and laying approved quality murrum/stone chips etc. all as directed in to the gaps, watering, ramming, consolidating, compaction using tampers and finishing to required level/depth etc. Rate shall include the cost of all Men, materials, machineries & tools etc. involved to complete the work in all aspects and all complete as directed by the Engineer-In-charge. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to NCRA authorities for verification. The levels shall be taken only in the presence of the NCRA Civil representative using Auto Level/Total Station/DGPS with prior approval of NCRA at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.)	Item16	48.36	Cum.			0.00	0.00	0.00	INR Zero Only
17	Supplying, laying, spreading and Compacting the hard murrum for road side shoulder side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete. of approved quality hard murrum of required depth wherever required. Only compacted thickness shall be measured for working quantity for the payment. (Contractor should submit the proof/Receipt for the Royalty charges paid to The Government of Maharashtra, Revenue and Forest Departments for the supplied Murrum and other minor minerals. No extra payment will be paid to the contractor on this item). (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) The rate shall include the cost of clearing grass and removal of the rubbish up to a distance of 50 M outside the periphery of the area cleared etc. for the road side shoulder etc. all complete as directed by GMRT-NCRA.	Item17	650.80	Cum.			0.00	0.00	0.00	INR Zero Only
18	Testing charges for conducting Basic test of Aggregate for MPM/Bitumen Penetration Macadam (BPM) like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate and submission of Hard copy of Test report.	Item18	5.00	Per Test			0.00	0.00	0.00	INR Zero Only
19	Testing charges for conducting Quality of binder/Bitumen for Bitumen Penetration Macadam(BPM)/MPM for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item19	5.00	Per Test			0.00	0.00	0.00	INR Zero Only
20	Testing charges for conducting Quality of binder/Bitumen for Prime Coat/Tack Coat for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item20	5.00	Per Test			0.00	0.00	0.00	INR Zero Only
21	Testing charges for conducting Bitumen Job Mix Design will all tests for Bitumen Macadam (BM) (Including Bitumen tests) viz. a) Job Mix Trail b) Aggregate Tests - Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate. c) Bitumen Tests - Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item21	4.00	Per Test			0.00	0.00	0.00	INR Zero Only
22	Testing charges for conducting Quality of Binder/Bitumen for Bitumen Macadam (BM) for Binder Content and submission of Hard copy of Test report.	Item22	4.00	Per Test			0.00	0.00	0.00	INR Zero Only
23	Testing charges for conducting Bitumen Job Mix Design will all tests for Bitumen Concrete (BC) (Including Bitumen tests) viz. a) Job Mix Trail b) Aggregate Tests - Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate. c) Bitumen Tests - Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item23	1.00	Per Test			0.00	0.00	0.00	INR Zero Only
24	Testing charges for conducting Quality of Binder/Bitumen for Bitumen Concrete (BC) for Binder Content and submission of Hard copy of Test report.	Item24	1.00	Per Test			0.00	0.00	0.00	INR Zero Only
25	Testing charges for conducting Basic test of Aggregate for Premix Carpet like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate and submission of Hard copy of Test report.	Item25	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
26	Testing charges for conducting Quality of binder/Bitumen for Premix Carpet for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item26	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
27	Testing charges for conducting Quality of Binder/Bitumen for Premix Carpet for Binder Content and submission of Hard copy of Test report.	Item27	3.00	Per Test			0.00	0.00	0.00	INR Zero Only

28	Testing charges for conducting <b>Quality of binder/Bitumen for Seal Coat</b> for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item28	5.00	Per Test			0.00	0.00	0.00	INR Zero Only
29	Testing charges for conducting <b>C B R Test (Lab)</b> for Granular Sub Base - Grade - I and submission of Hard copy of Test report.	Item29	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
30	Testing charges for conducting <b>C B R Test (Lab)</b> for Granular Sub Base - Grade - II and submission of Hard copy of Test report.	Item30	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
31	Testing charges for conducting <b>Basic test of Aggregate for Water bound Macadam</b> like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Atterberg Limits of Binding Material, Atterberg Limits of Screenings Test and submission of Hard copy of Test report.	Item31	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
32	<b>(MPB Around Area - Sr. No. 32 to 49)</b> Providing and laying <b>Bitumen Penetration Macadam(BPM)</b> of specified thickness with hard stone aggregate of quality, size and grading as specified, with bitumen of suitable penetration grade, including required key aggregate as specified, spreading coarse aggregate with the help of self propelled/ tipper tail mounted aggregate spreader and applying bitumen by a pressure distributor and then spreading key aggregate with the help of aggregate spreader complete, including consolidation with road roller of minimum 8 to 10 tonne capacity to achieve specified values of compaction and surface accuracy: <b>For 50mm compacted thickness using coarse aggregate of size 50-20 mm graded @ 0.60 cum per 10 sqm key aggregate of size 12.5 mm graded @ 0.15 cum per 10 sqm. With paving asphalt grade VG - 30 @ 50 kg/ 10 sqm.</b> (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item32	2042.00	Sq.M			0.00	0.00	0.00	INR Zero Only
33	Providing and applying <b>tack coat</b> using hot straight run bitumen of grade <b>VG - 30</b> , including heating the bitumen at required temperature, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : <b>On bituminous surface @ 0.50 Kg /sqm.</b> all complete as directed by GMRT-NCRA.	Item33	4084.00	Sq. M			0.00	0.00	0.00	INR Zero Only
34	Providing and laying <b>Bituminous macadam</b> using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tippers, laid over a previously prepared surface with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications and directions of NCRA. <b>50 mm average compacted thickness with bitumen of grade VG-30 @ 3.50% (percentage by weight of totalmix) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.</b> (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/ Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item34	102.10	Cum.			0.00	0.00	0.00	INR Zero Only
35	Providing and laying <b>Bituminous concrete</b> using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of NCRA-GMRT. <b>50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH capacity.</b> (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/ Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item35	12.750	Cum.			0.00	0.00	0.00	INR Zero Only
36	<b>2 cm premix carpet</b> surfacing with 1.8 cum and 0.90 cum of stone chippings of 13.2 mm size and 11.2 mm size respectively <b>per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings</b> of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). <b>With paving Asphalt grade VG - 30 with no solvent.</b> all complete as directed by GMRT-NCRA.	Item36	1787.00	Sq.M			0.00	0.00	0.00	INR Zero Only
37	Providing and laying <b>seal coat</b> over prepared surface of road with bitumen heated in bitumen boiler fitted with the spray set spraying using 98 kg of bitumen of grade <b>VG -30</b> and binding surface with 0.90 cum of M-Sand of 3mm size per 100 sqm of road surface, including rolling and finishing with power road roller all complete, all complete as directed by GMRT-NCRA.	Item37	2042.00	Sq.M			0.00	0.00	0.00	INR Zero Only
38	Supplying, laying, spreading and Compacting the <b>hard murum</b> for road side shoulder side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete. of approved quality hard murum of required depth wherever required. Only compacted thickness shall be measured for working quantity for the payment. (Contractor should submit the proof/Receipt for the Royalty charges paid to The Government of Maharashtra, Revenue and Forest Departments for the supplied Murrum and other minor minerals. No extra payment will be paid to the contractor on this item). (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) The rate shall include the cost of clearing grass and removal of the rubbish up to a distance of 50 M outside the periphery of the area cleared etc. for the road side shoulder etc. all complete as directed by GMRT-NCRA.	Item38	52.70	Cum.			0.00	0.00	0.00	INR Zero Only
39	Testing charges for conducting <b>Basic test of Aggregate for MPM/Bitumen Penetration Macadam (BPM)</b> like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate and submission of Hard copy of Test report.	Item39	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
40	Testing charges for conducting <b>Quality of binder/Bitumen for Bitumen Penetration Macadam(BPM)/MPM</b> for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item40	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
41	Testing charges for conducting <b>Quality of binder/Bitumen for Prime Coat/Tack Coat</b> for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item41	3.00	Per Test			0.00	0.00	0.00	INR Zero Only
42	Testing charges for conducting <b>Bitumen Job Mix Design</b> will all tests for <b>Bitumen Macadam (BM)</b> (Including Bitumen tests) viz. a) <b>Job Mix Trail</b> b) <b>Aggregate Tests</b> - Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate. c) <b>Bitumen Tests</b> - Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item42	1.00	Per Test			0.00	0.00	0.00	INR Zero Only
43	Testing charges for conducting <b>Quality of Binder/Bitumen for Bitumen Macadam (BM)</b> for <b>Binder Content</b> and submission of Hard copy of Test report.	Item43	1.00	Per Test			0.00	0.00	0.00	INR Zero Only
44	Testing charges for conducting <b>Bitumen Job Mix Design</b> will all tests for <b>Bitumen Concrete (BC)</b> (Including Bitumen tests) viz. a) <b>Job Mix Trail</b> b) <b>Aggregate Tests</b> - Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate. c) <b>Bitumen Tests</b> - Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item44	1.00	Per Test			0.00	0.00	0.00	INR Zero Only
45	Testing charges for conducting <b>Quality of Binder/Bitumen for Bitumen Concrete (BC)</b> for <b>Binder Content</b> and submission of Hard copy of Test report.	Item45	1.00	Per Test			0.00	0.00	0.00	INR Zero Only
46	Testing charges for conducting <b>Basic test of Aggregate for Premix Carpet</b> like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate and submission of Hard copy of Test report.	Item46	2.00	Per Test			0.00	0.00	0.00	INR Zero Only



60	Providing and laying water bound macadam road of 100 mm consolidated thickness including preparing the subgrade with proper level, camber, supplying and spreading 45 to 63 mm size graded stone metal (Spotless black trap stone metal) in correct line, level, camber, compacting by power road roller & binding the surface with approved grit or murrum of minimum 50mm thick, and compacting properly with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, artificial watering and compacting to the required density etc. all complete as directed by the Engineer In-charge. (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) all complete as directed by GMRT-NCRA.	Item60	17.15	Cum.			0.00		0.00	0.00	INR Zero Only	
61	Providing and laying in position Cement concrete of specified grade - M20 ( Cast in situ / Ready Mix Concrete) in front of Bus parking , four wheeler parking etc. inside the Housing colony including the cost of centering and shuttering, curing and compaction etc. all complete - All works at road level : Mix 1:1-1/2:3 (1 Cement : 1-1/2 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). Rate shall include the cost of all Men, materials, machineries & tools etc. involved to complete the work in all aspects and all complete as directed by the Engineer-In-Charge. (Note:- This item rate shall include the finishing of Top surface smooth with extra cement and Broom Finish as directed) all complete as directed by GMRT-NCRA.	Item61	29.41	Cum.			0.00		0.00	0.00	INR Zero Only	
62	Supplying, laying, spreading and Compacting the hard murrum for road side shoulder side widths including laying in layers on each side with vibratory roller including artificial watering etc. complete of approved quality hard murrum of required depth wherever required. Only compacted thickness shall be measured for working quantity for the payment. (Contractor should submit the proof/Receipt for the Royalty charges paid to The Government of Maharashtra, Revenue and Forest Departments for the supplied Murrum and other minor minerals. No extra payment will be paid to the contractor on this item). (Note: The contractor shall arrange all required manpower, survey team, and survey equipment for taking levels before and after execution of the item of work and shall submit the level sheets, charts, and AutoCAD (I.S/CS) drawings to GMRT authorities for verification. The levels shall be taken only in the presence of the GMRT Civil representative using Auto Level/Total Station/DGPS with prior approval of GMRT at mutually agreed intervals for measurement, billing, and documentation. No extra payment shall be provided for carrying out the survey work.) The rate shall include the cost of clearing grass and removal of the rubbish up to a distance of 50 M outside the periphery of the area cleared etc. for the road side shoulder etc. all complete as directed by GMRT-NCRA.	Item62	67.05	Cum.			0.00		0.00	0.00	INR Zero Only	
63	Testing charges for conducting Basic test of Aggregate for MPM/Bitumen Penetration Macadam (BPM) like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate and submission of Hard copy of Test report.	Item63	3.00	Per Test			0.00		0.00	0.00	INR Zero Only	
64	Testing charges for conducting Quality of binder/Bitumen for Bitumen Penetration Macadam(BPM)/MPM for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item64	3.00	Per Test			0.00		0.00	0.00	INR Zero Only	
65	Testing charges for conducting Quality of binder/Bitumen for Prime Coat/Tack Coat for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item65	4.00	Per Test			0.00		0.00	0.00	INR Zero Only	
66	Testing charges for conducting Bitumen Job Mix Design will all tests for Bitumen Macadam (BM) (Including Bitumen tests) viz. a) Job Mix Trail b) Aggregate Tests - Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate. c) Bitumen Tests - Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item66	3.00	Per Test			0.00		0.00	0.00	INR Zero Only	
67	Testing charges for conducting Quality of Binder/Bitumen for Bitumen Macadam (BM) for Binder Content and submission of Hard copy of Test report.	Item67	3.00	Per Test			0.00		0.00	0.00	INR Zero Only	
68	Testing charges for conducting Bitumen Job Mix Design will all tests for Bitumen Concrete (BC) (Including Bitumen tests) viz. a) Job Mix Trail b) Aggregate Tests - Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate. c) Bitumen Tests - Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item68	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
69	Testing charges for conducting Quality of Binder/Bitumen for Bitumen Concrete (BC) for Binder Content and submission of Hard copy of Test report.	Item69	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
70	Testing charges for conducting Basic test of Aggregate for Premix Carpet like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Stripping Value & Water Absorption of aggregate and submission of Hard copy of Test report.	Item70	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
71	Testing charges for conducting Quality of binder/Bitumen for Premix Carpet for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item71	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
72	Testing charges for conducting Quality of Binder/Bitumen for Premix Carpet for Binder Content and submission of Hard copy of Test report.	Item72	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
73	Testing charges for conducting Quality of binder/Bitumen for Seal Coat for Specific Gravity, Flash & Fire point, Softening Point, Penetration Test, Ductility Test & Viscosity (Absolute, kinematic) Test and submission of Hard copy of Test report.	Item73	3.00	Per Test			0.00		0.00	0.00	INR Zero Only	
74	Testing charges for conducting C B R Test (Lab) for Granular Sub Base - Grade - I and submission of Hard copy of Test report.	Item74	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
75	Testing charges for conducting C B R Test (Lab) for Granular Sub Base - Grade - II and submission of Hard copy of Test report.	Item75	1.00	Per Test			0.00		0.00	0.00	INR Zero Only	
76	Testing charges for conducting Basic test of Aggregate for Water bound Macadam like Aggregate Impact Value Test, Grading of Aggregate, Combined Flakiness & Elongation Index, Atterberg Limits of Binding Material, Atterberg Limits of Screenings Test and submission of Hard copy of Test report.	Item76	2.00	Per Test			0.00		0.00	0.00	INR Zero Only	
77	Testing charges for conducting Compressive strength test for cement concrete of M20 using standard cube size of 150x150x150 mm. (1 test - 3 samples/specimen) as per the IS 516 Including arranging the cube moulds and submission of Hard copy of Test report.	Item77	3.00	Per Test			0.00		0.00	0.00	INR Zero Only	
Total in Figures										0.00	0.00	INR Zero Only
Quoted Rate in Words										INR Zero Only		